

Volume

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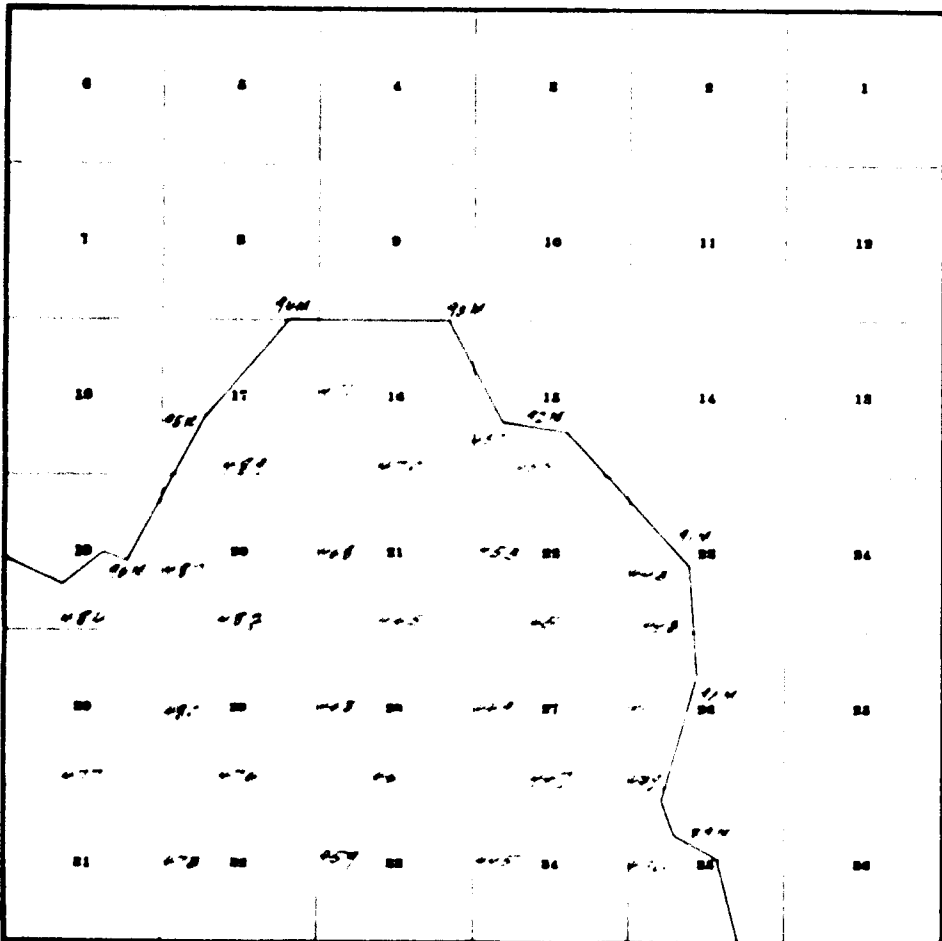
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INDEX DIAGRAM.

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MAY 6 1926

District Cadastral Engineer
Salt Lake City, Utah

4-079

BOOK A-487

"A"

FIELD NOTES

OF THE SURVEY OF THE

NORTH, WEST AND SOUTH BOUNDARIES; AND SUBDIVISION OF

T. 42 S., R. 11 E.

Of the Salt Lake Base And Meridian,

In the State of Utah

EXECUTED BY

Chas. F. Moore

In the capacity of U. S. Surveyor, under instructions dated September 25, 1923,

issued by the United States Surveyor General to govern surveys included in

Group No. 155, which were approved by the Commissioner of the General Land

Office, October 12, 1923, pursuant to authority contained in the Act of

Congress dated ~~September 14, 1925~~, 1925. Supplemental assignment instructions

dated September 14, 1925. Survey commenced October 19, 1925.

Survey completed January 9, 1926.

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All lines surveyed by Chas. F. Moore, U.S. Surveyor.

T. 42 S., R. 11 E.

Survey commenced October 19, 1925, and executed with Buff and Buff light mountain transit No. 9220. The instrument was approved for use on this survey by the District Cadastral Engineer, for District No. 6, in supplemental assignment instructions dated September 14, 1925, conditional upon satisfactory field tests.

For full description and test of the instrument near the commencement of the survey of this township, see test given in the finished notes near the commencement of the survey of T. 43 S., R. 11 E. of this group.

At the completion of the survey of this township, I make a final test of the instrument as follows.

January 9, 1926: At my camp located in the S. half of section 34, T. 42 S., R. 11 E., in latitude $37^{\circ}05'$ N., longitude $110^{\circ}41'$ W.; with the instrument in the meridian established by observation ^{on Polaris,} as described in the finished notes of the survey T. 43 S., R. 11 E.; at 9h 30m a.m. apparent time, I set off $22^{\circ}06'30''$ S., on the declination arc; $37^{\circ}05'$ N., on the latitude arc; and determine a meridian with the solar which I find to agree with the true meridian.

At apparent noon, with the instrument in the meridian and the latitude arc unchanged, I find the reading of the declination arc to be $22^{\circ}06'$ S.; which agrees with the computed declination of the sun.

At 3h 30m p.m. apparent time, with the instrument in the meridian and the latitude arc unchanged, I set off $22^{\circ}03'$ S., on the declination arc, and determine a meridian with the solar which I find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work come within 1' of the true meridian, I conclude that the instrument is in satisfactory adjustment.

Measurements.

Unless otherwise specified, all measurements are made with Lallie steel ribbon tapes 5 chains in length, compared with a Lufkin standard steel tape 1 chain in length and found correct. The measurements are made on the slope, the vertical angle determined, and the slope measurements properly reduced to true horizontal distances.

Survey South Boundary, T. 42 S., R. 11 E.

From the cor. Ts. 42 and 43 S., Rs. 11 and 12 E., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the official records of the survey T. 42 S., R. 12 E.

West, bet. secs. 1 and 36, along the S. bdy. of the township.

Over rolling top of Piute Mesa through scattered timber and undergrowth.

34.00 Head of draw, 20 ft. deep, drains SW.; ascend gradually along S. slope.

38.50 Top of ascent, 40 ft. high, bears NE. and SW.

40.00 On sandstone surface rock, mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\frac{\frac{1}{4} \text{ S36}}{\text{S1}}$$

1925

From which,

A pinon, 8 ins. diam., bears S. $69^{\circ}15'$ E., 12 lks. dist., marked $\frac{1}{4}$ S1 BT.

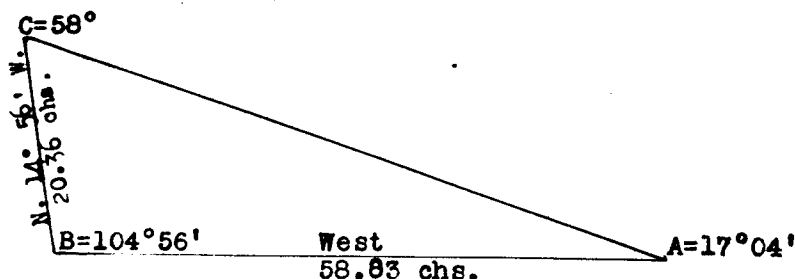
A pinon, 8 ins. diam., bears N. 65° W., 50 lks. dist., marked $\frac{1}{4}$ S36 BT.

44.02 Top of W. breaks of Piute Mesa, bears NE. and SW., over which I am unable to chain, I therefore triangulate as follows.

Survey South Boundary, T. 42 S., R. 11 E.

Chains

Erect flag "A" at this point and flag "B" on line to the W. From flag "B", measure base line "BC", N. $14^{\circ}56'$ W., 20.36 chs. dist., from which point, flags "AB" subtend an angle of 58° .



Distance on line=	44.02 chs.
Distance by triangulation=	58.83 chs.
	<u>102.85 chs.</u>
Distance by return measurement=	22.85 chs.
	<u>80.00 chs.</u>

80.00 In broken breaks of Piute Mesa, 660 ft. below top.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for cor. secs. 1, 2, 35 and 36, with brass cap marked.

T42S	R11E
S35	S36
S2	S1
T43S	

1925

Deposit a sandstone, 8 x 8 x 6 ins., at base of post, marked with a cross (X).

No suitable bearing trees available.

Land, rolling and broken, with a general southerly and northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered mountain rush and blackbrush.

Timber, scattered scrub juniper and pinon.

Fair grazing.

West, bet. secs. 2 and 35, by direct measurement.

Descend abrupt broken W. breaks of Piute Mesa through scattered undergrowth.

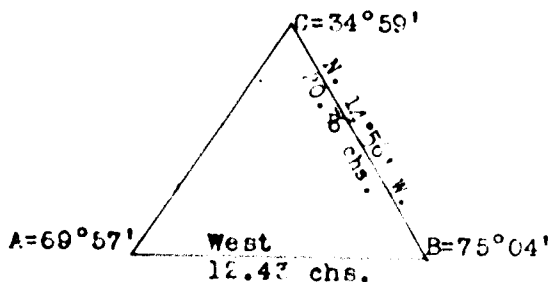
8.40 Draw, 150 ft. below cor., drains NW. Small seep of alkali water in bottom of draw.; ascend abrupt NE. slope.

Survey South Boundary, T. 42 S., R. 11 E.

Chains

16.80 Top of ascent, 150 ft. above draw, bears N. and S.; descend abrupt W. slope.

22.85 To point "B" of triangulation as described on line bet. secs. 1 and 36. As inaccessible ledges make chaining the the W. of this point impracticable, I triangulate as follows. Erect flag "A" on line to the W., from which point, flags "BC" as shown on line bet. secs. 1 and 36, subtend an angle of $69^{\circ}57'$.



Distance on line=

22.85 chs.

Distance by triangulation=

12.47 chs.

75.28 chs.

35.28 To point "A" of triangulation; thence by direct measurement.

40.00 On abrupt N. slope, 50 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} 535 \\ \frac{1}{4} \text{ ---} \\ 52 \end{array}$$

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor. The NW. point of high ledge from Piute Mesa makes chaining on line W. impossible; to pass point of ledge, I offset as follows.

North, 1.32 chs. dist.; thence:

West, 6.00 chs. dist.; thence:

South, 1.32 chs. dist. to:

46.00 Point on true line; thence descend abrupt NW. slope.

71.00 The right rim of deep draw, bears NW. and SE.

72.50 Bottom of draw, 500 ft. below the $\frac{1}{4}$ sec. cor., drains NW.; ascend abrupt, broken NE. slope.

78.10 Top of left rim of draw, bears NW. and SE.; continue abrupt ascent over broken NE. slope.

Survey South Boundary, T. 42 S., R. 11 E.

Chains

80.00 On surface rock, mark a cross (X), over which. 08.01
Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for cor. secs. 2, 3, 34 and 35, with brass cap marked.

T42S	R11E
S34	S35
S3	S2
T43S	

1925

Land, broken, with a general northerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered mountain rush, shadscale, black-brush and yellow top.

No timber.

Fair grazing.

West, bet. secs. 3 and 34.

Descend abrupt NW. slope of broken land through scattered undergrowth.

30.00 Draw, 440 ft. below cor., drains N.; ascend abrupt E. slope.

32.00 Spur, 60 ft. above draw, projects N.; descend abrupt NW. slope.

34.00 Same draw as last, 50 ft. below spur, drains SW.; ascend abrupt SE. slope.

36.50 Spur, 30 ft. above draw, projects S.; descend abrupt W. slope.

37.60 Same draw as last, 40 ft. below spur, drains NW.; ascend abrupt NE. slope.

40.00 Point for the $\frac{1}{2}$ sec. cor. falls on abrupt N. slope where it is impracticable to set a permanent cor.

41.20 On abrupt N. slope, 40 ft. above draw; on surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor. to the $\frac{1}{2}$ sec. cor., with brass cap marked.

Survey South Boundary, T. 42 S., R. 11 E.

Chains

$$\frac{\frac{1}{4} \text{ S34}}{\text{S3}} \text{ WC}$$

1925

- 48.20 Spur, 70 ft. above the witness cor. to the $\frac{1}{4}$ sec. cor., projects N.; descend abrupt W. slope.
- 72.40 Piute Creek, 360 ft. below spur, stream of muddy water, 10 lks. wide, 6 ins. deep, in bottom of canyon, drains N.; ascend abrupt E. slope.
- 80.00 On abrupt E. slope, 40 ft. above stream.
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 3, 4, 33 and 34, with brass cap marked

T42S	R11E
S33	S34
S4	S3
T43S	

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, broken, with a general northerly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush and black brush.

No timber.

Fair grazing.

West, bet. secs. 4 and 33.

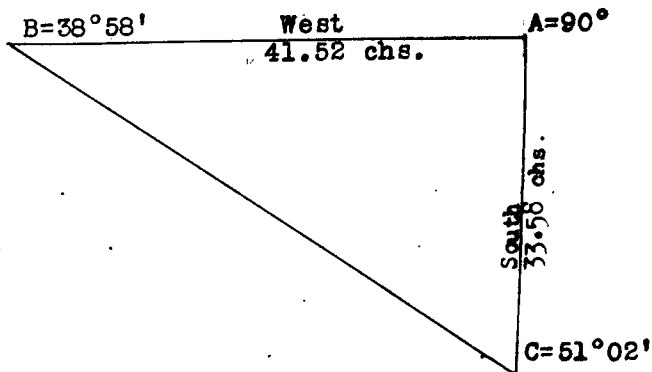
Ascend abrupt E. slope of left breaks of Piute Mesa through scattered undergrowth.

15.00 Slope changes from E. to the SE.

35.42 Base of inaccessible ledge, 250 ft. high, bears NE. and SW. over which I am unable to chain, I therefore triangulate as follows. Return to the cor. secs. 3, 4, 33 and 34 and erect flag "A". Erect flag "B" on line W. at top of breaks. From flag "A", measure base line "AC", South, 33.58 chs. dist., from which point, flags "AB" subtend an angle of 51.02'.

Survey South Boundary, T. 42 S., R. 11 E.

Chains



Distance by triangulation=

41.52 chs.

Distance by return measurement=

1.52 chs.

40.00 chs.

40.00 On shelf of ledge, bears N. and S.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S33 \\ \frac{1}{4} \\ S4 \end{array}$$

1925

Deposit a sandstone, 4 x 4 x 3 ins., at base of post, marked with a cross (X).

From this cor., a spring of good water, which flows a stream 2 lks. wide, 2 ins. deep, in a northeasterly direction; bears South, 15.00 chs. dist.

40.50 Trail, bears N. and S.

40.60 Base of ledge, 50 ft. high, bears N. and S.

41.52 To point "B" of triangulation at top of left rim of Piute Mesa, 600 ft. above sec. cor., bears N. and S.; thence over broken top of Piute Mesae

58.00 Trail, bears NE. and SW.

79.40 At base of high inaccessible ledges, bears NE. and SW. Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the cor. secs. 4, 5, 32 and 33, with brass cap marked.

T42S	R11E
S32	S33
WC	
S5	S4
T43S	

1925

Survey South Boundary, T. 42 S., R. 9 W.

Chains

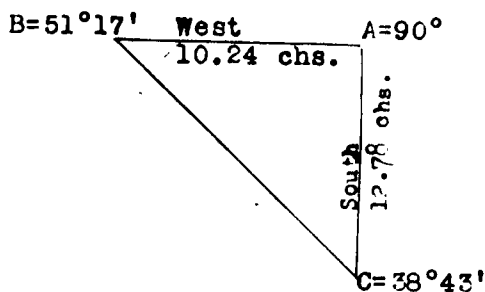
Deposit a sandstone, 6 x 6 x 6 ins., at base of post, marked with a cross (X).

80.00 True point for the sec. cor. falls in inaccessible ledges. Land, broken, with a general northeasterly exposure and drainage.
Soil, shallow loose sand, clay and rock; 3rd rate.
Undergrowth, scattered shadscale, mountain rush, black-brush and yellow top.
No timber.
Fair grazing.

West, bet. secs. 5 and 32.

Over broken inaccessible ledges through scattered undergrowth.

It being impossible to reach the true point for the cor. secs. 4, 5, 32 and 33, I commence at a point, East, 2.69 chs. dist. from the true cor. point and determine the distance to top of ledges by triangulation as follows. Erect flag "A" at this point and flag "B" on line W. From flag "A", measure base line "AC", South, 12.78 chs. dist., from which point, flags "AB" subtend an angle of $38^{\circ}43'$.

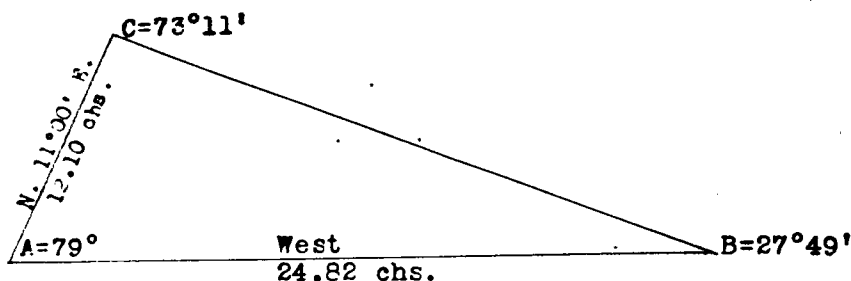


Distance by triangulation=	10.24chs.
Distance E. from true point for sec. cor.	-2.69chs.
Distance from true point for sec. cor=	<u>7.55 chs.</u>

7.55 To point "B" of triangulation at top of ledges, 130 ft. high, bears NE. and SW.; thence descend abruptly over inaccessible ledges over which I triangulate. Erect flag "A" on line W. and from this point, measure base line "AC", N. 11° E., 12.10 chs. dist., from which point Flags "AB" subtend an angle of $73^{\circ}11'$.

Survey South Boundary, T. 42 S., R. 11 E.

Chains



Distance on line=	7.55 chs.
Distance by triangulation=	24.82 chs.
	<u>32.37 chs.</u>

19.00 Approximate distance; draw, 180 ft. below top of ledges, drains S.; ascend abrupt E. slope.

32.37 To point "A" of triangulation at top of ascent, 160 ft. above draw, bears N. and S.; thence by direct measurement over broken top of mesa.

40.00 On surface rock, mark a cross (X), over which. Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

	S32
$\frac{1}{4}$	<u>S5</u>

1925

47.00 Top of abrupt descent over ledges, bears N. and S.

60.00 Base of descent, 120 ft. below top, bears N. and S.; thence over rolling top of mesa.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for cor. secs. 5, 6, 31 and 32, with brass cap marked.

T42S	R11E
S31	S32
S6	S5
T43S	

1925

From which,

A juniper, 5 ins. diam., bears N. $36^{\circ}30'$ E., 353 lks. dist., marked BT.

A juniper, 4 ins. diam., bears N. $80^{\circ}45'$ W., 135 lks. dist., marked BT.

Trees too scrubby for other marks and no other trees available.

Survey South Boundary, T. 42 S., R. 11 E.

Chains

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow loose clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

Timber, a few scattered scrub juniper on W. portion of mile.

Fair grazing.

West, bet. secs. 6 and 31.

Descend gradually over rolling top of mesa through scattered undergrowth.

- 7.20 Bottom of draw at top of 200 ft. drop in bottom of same, 70 ft. below cor., drains N.; ascend gradual E. slope.
- 11.80 Top of ascent, bears N. and S.; 30 ft. above draw; thence over level top of mesa.
- 19.40 Top of gradual descent into draw, bears N. and S.
- 28.80 Draw, 360 ft. below top of descent, drains N.; ascend abrupt E. slope.
- 40.00 On abrupt E. slope, 200 ft. above draw; on surface rock, mark a cross (X), over which.
- Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S31 \\ \frac{1}{4} \\ S6 \end{array}$$

1925

- 40.60 Top of ascent, 20 ft. above the $\frac{1}{4}$ sec. cor., bears N. and S.; thence over level top of mesa.
- 41.70 Top of gradual descent, bears N. and S.
- 46.60 Trail, bears N. and S.
- 67.10 Draw, 270 ft. below top of descent, drains N.; ascend gradual E. slope.
- 77.95 On surface rock, 50 ft. above draw and at point of intersection with a line projected S. from the cor. Ts. 41 and 42 S., Rs. 10 and 11 E.; mark a cross (X),

Survey South Boundary, T. 42 S., R. 11 E.

Chains

over which.

Set an iron post, 3 ft. long, 3 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for cor. Ts. 42 and 43 S., Rs. 10 and 11 E., with brass cap marked.

T42S	
R10E	R11E
S36	S31
<hr/>	
S1	S6
T43S	

1925

From which,

A pinon, 4 ins. diam., bears N. 30° E., 159 lks. dist., marked T42S R11E S31 BT.

A juniper, 12 ins. diam., bears S. 46°30' E., 86 lks. dist., marked T43S R11E S6 BT.

A pinon, 10 ins. diam., bears S. 82° W., 98 lks. dist., marked T43S R10E S1 BT.

A pinon, 20 ins. diam., bears N. 45°45' W., 101 lks. dist., marked T42S R10E S36 BT.

Land, broken and rolling, with a general northerly exposure and drainage.

Soil, shallow clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

Timber, a few scattered scrub juniper and pinon.

Fair grazing.

Survey North Boundary, T. 42 S., R. 11 E.

From the cor. Ts. 41 and 42 S., Rs. 11 and 12 E., which is an iron post, 3 ins. diam., set, marked and witnessed as described in the finished notes of the survey T. 42 S., R. 12 E.

West, bet. secs. 1 and 36, along the N. bdy. of the township.

Descend gradual broken SW. slope through scattered undergrowth.

Survey North Boundary, T. 42 S., R. 11 E.

Chains

22.50 Draw, 260 ft. below cor., drains NW.; ascend gradual N. slope.

28.70 Spur, 70 ft. above draw, projects NW.; descend gradual W. slope.

40.00 On gradual SW. slope, 30 ft. below spur.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S36
 $\frac{1}{4}$
S1
1925

Deposit a sandstone, 10 x 4 x 4 ins., at base of post, marked with a cross (X).

43.70 Descent becomes abrupt, bears N. and S.

57.80 Draw, 300 ft. below the $\frac{1}{4}$ sec. cor., drains N.; ascend abrupt NE. slope.

62.80 Top of ascent, 70 ft. above draw, bears N. and S.; descend gradual NW. slope.

67.20 Draw, 70 ft. below top of ascent, drains NE.; ascend abrupt E. slope.

79.30 Top of abrupt ascent, bears N. and S.; ascend gradual NE. slope.

80.00 On gradual NE. slope, 200 ft. above draw; on surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for cor. secs. 1, 2, 35 and 36, with brass cap marked.

T41S | R11E
S35 | S36
S2 | S1
T42S
1925

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow sand, clay and rock; 3rd. rate.

Undergrowth, scattered shadscale, mountain rush and black brush. No timber. Fair grazing.

Survey North Boundary, T. 42 S., R. 11 E.

Chains

West, bet. secs. 2 and 35.

Ascend gradual broken N. slope through scattered undergrowth.

21.10 Base of abrupt ascent over E. slope, bears N. and S.

33.50 Top of abrupt ascent, bears N. and S.; thence ascend gradual NE. slope.

40.00 On gradual N. slope, near top of ascent, 330 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground, to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S35 \\ \frac{1}{4} \\ \hline S2 \end{array}$$

1925

Deposit a sandstone, 7 x 7 x 6 ins., at base of post, marked with a cross (X).

41.70 Top of ascent, 20 ft. above the $\frac{1}{4}$ sec. cor., bears N. and S.; descend gradual NW. slope.

49.20 Top of abrupt descent over W. slope, bears N. and S.

58.50 Base of abrupt descent, bears N. and S.; descend gradually along N. slope.

68.60 Trail, bears NE. and SW.

80.00 On broken N. slope, 240 ft. below top of ascent.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for cor. secs. 2, 3, 34 and 35, with brass cap marked.

$$\begin{array}{r|l} T41S & R11E \\ S34 & S35 \\ \hline S3 & S2 \\ T42S & \end{array}$$

1925

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

Land, broken, with a general northerly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Survey North Boundary, T. 42 S., R. 11 E.

Chains

Undergrowth, scattered shadscale, mountain rush, and black brush.

No timber.

Fair grazing.

West, bet. secs. 3 and 34.

Descend gradually over rolling land through scattered undergrowth.

40.00 On gradual W. slope, 270 ft. below cor.; on surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S34 \\ \frac{1}{4} \\ S3 \end{array}$$

1925

50.00 Draw, 40 ft. deep, drains NW.; continue gradual descent.

60.00 Base of descent, 240 ft. below the $\frac{1}{4}$ sec. cor., bears N. and S.; thence over level land.

67.00 Wash, 40 lks. wide, 4 ft. deep, drains N.

72.00 Base of gradual ascent over E. slope, bears N. and S.

77.40 Top of ascent, 40 ft. above base, bears NE. and SW.; descend gradual NW. slope.

79.20 Ravine, 40 ft. below top of ascent, drains N.; ascend gradual E. slope.

80.00 Point for the cor. secs. 3, 4, 33 and 34, falls on steep E. slope of shale, where it is impracticable to set cor.

80.70 On abrupt E. slope, 50 ft. above ravine.

Set an iron post, 3 ft. long, 2 ins. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the cor. secs. 3, 4, 33 and 34, with brass cap marked.

T41S	R11E	
S33	S34	
S4	S3	WC
T42S		

1925

Survey North Boundary, T. 42 S., R. 11 E.

Chains

Deposit a sandstone, 6 x 6 x 6 ins., at base of post,
marked with a cross (X).

Land, rolling, with a general northerly exposure and
drainage.

Soil, shallow loose clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush and
blackbrush.

No timber.

Fair grazing.

West, bet. secs. 4 and 33, from the true point for the
cor. secs. 3, 4, 33 and 34.

Ascend gradually over broken NE. slope through scattered
undergrowth.

.70 The witness cor. to the cor. secs. 3, 4, 33 and 34.

7.00 Slope changes from NE. to the N.

18.60 Spur, 80 ft. above cor., projects N.; descend abrupt W.
slope.

27.00 Wash, 100 lks. wide, 30 ft. deep, in draw, 130 ft. below
spur, drains N.; ascend abrupt E. slope.

38.60 Spur, 200 ft. above wash, projects NE.; thence ascend
gradually over abrupt N. slope.

40.00 On abrupt N. slope, 20 ft. above spur.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
ground to bedrock and in a large mound of stone, for
1 sec. cor., with brass cap marked.

S33
1/4 ———
S4

1925

Deposit a sandstone, 10 x 8 x 8 ins., at base of post,
marked with a cross (X).

41.30 Top of rimrock, 40 ft. above the 1/4 sec. cor., bears
N. 70° W. and S. 70° E.; descend gradual SW. slope.

50.50 Swale, 50 ft. below rimrock, drains N.; ascend abrupt E.
slope.

Survey North Boundary, T. 42 S., R. 11 E.

Chains

- 56.00 Trail, bears N. and S.
- 58.00 Spur, 100 ft. above swale, projects NW.; descend abrupt W. slope.
- 65.70 Draw, 120 ft. below spur, drains N.; ascend gradual E. slope.
- 72.00 Top of raise, 20 ft. above draw, bears N. and S.; descend abrupt W. slope.
- 80.00 On abrupt W. slope, 170 ft. below raise.
Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 4, 5, 32 and 33, with brass cap marked.

T41S	R11E
S32	S33

S5	S4
T42S	

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, broken, with a general northerly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, and mountain rush.

No timber.

Poor grazing.

West, bet. secs. 5 and 32.

Descend abrupt W. slope of broken land through scattered undergrowth.

- 2.90 Ravine, 100 ft. below cor., drains N. 30° W.; ascend abrupt NE. slope.

- 9.00 Spur, 120 ft. above ravine, projects N.; descend abrupt W. slope.

- 13.70 Enter rolling bottom of Piute Canyon, bears N. and S.

- 15.20 Piute Creek, stream of muddy water, 15 lks. wide, 4 ins. deep, in wash, 40 lks. wide, 5 ft. deep, 140 ft. below spur, drains N.

- 15.50 Leave bottom of canyon, bears N. and S.; ascend gradual E. slope.

Survey North Boundary, T. 42 S., R. 11 E.

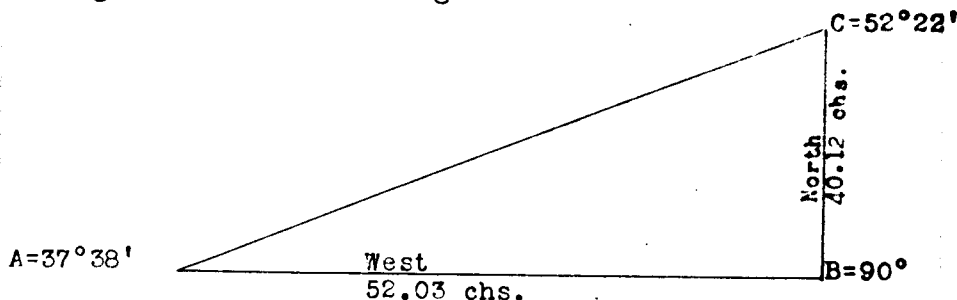
Chains

- 27.20 Base of abrupt ascent over broken ledges, bears N. and S.
 36.30 Base of ledge, 100 ft. high, bears NW. and SE.
 37.67 On surfacerock, mark a cross (X), over which.
 Set an iron post, 3 ft. long, 1 in. diam., in a mound of
 stone, 5 ft. base, 3 ft. high, for witness cor. to the
 $\frac{1}{4}$ sec. cor. secs. 5 and 32, with brass cap marked.

$$WC \frac{1}{2} \frac{S32}{S5}$$

. 1925

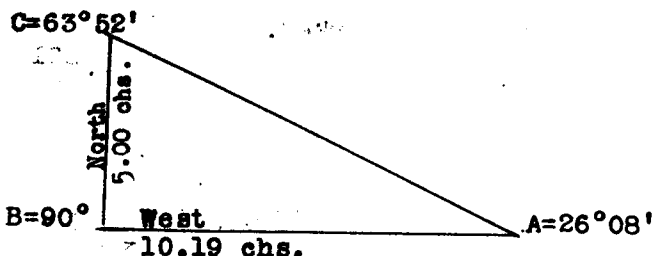
- 40.00 True point for the $\frac{1}{4}$ sec. cor. falls on face of ledge,
 where it is impracticable to set. cor.
 45.00 Base of inaccessible ledges over which I am unable to
 chain, I therefore triangulate as follows. Erect flag
 "A" on line W. at top of ledges, and from the cor. secs.
 4, 5, 32 and 33, which I designate "B", measure base
 line "BC", North, 40.12 chs. dist.; from which point
 flags "AB" subtend an angle of $52^{\circ}22'$



- 52.03 To point "A" of triangulation at top of left rim of
 Piute Canyon, 720 ft. above Piute Creek, bears N. and S.;
 thence by direct measurement; descend gradually over
 broken NW. slope.
 70.41 NE. end of high elongated butte, bears NE. and SW. Broken
 ledges make chaining to the W. of this point impracticable
 I therefore triangulate as follows. Erect flag "A" at
 this point and flag "B" on line W. From flag "B",
 measure base line "BC", North, 5.00 chs. dist., from
 which point, flags "AB" subtend an angle of $63^{\circ}52'$.

Survey North Boundary, T. 42 S., R. 11 E.

Chains



Distance on line=	70.41 chs.
Distance by triangulation=	10.19 chs.
	<u>80.60 chs.</u>
Distance by return measurement=	.60 chs.
	<u>80.00 chs.</u>

80.00 On surface rock, 480 ft. below top of left rim of Piute Creek, mark a cross (X), over which
Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for cor. secs. 5, 6, 31 and 32, with brass cap marked.

T41S	R11E
S31	S32
S6	S5
	T42S

1925

Land, broken, with a general northerly exposure and drainage.

Soil, shallow loose clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush and Blackbrush.

No timber.

Fair grazing.

West, bet. secs. 6 and 31.

Descend gradual W. slope of broken land through scattered undergrowth.

8.80 Descent becomes abrupt, bears N. and S.

9.30 Enter head of draw, drains W.; thence along bottom of draw.

18.00 Leave draw, 150 ft. below cor., drains SW.; ascend gradual SE. slope.

40.00 On surfacerock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with

Survey North Boundary, T. 42 S., R. 11 E.

Chains

brass cap marked.

S31

1
4

S6

1925

Cor. set on broken SE. slope, 150 ft. above draw.

40.34 To pass the S. end of high butte, I traverse as follows.

S. $85^{\circ}45'$ W., 8.80 chs. dist.N. $44^{\circ}30'$ W., 91 lks. dist. to:

49.78 Point on true line; thence on true line.

50.10 Top of E. rim of canyon, bears N. and S.

65.20 Bottom of canyon, 230 ft. below the sec. cor., drains

NW.; ascend broken NE. slope of surface rock.

72.00 Top of W. rim of canyon, 100 ft. above bottom, bears

NW. and SE.; thence over broken top of bench.

73.00 The NW. point of spur, 20 ft. high.

77.82 Allowing for convergency; on surface rock, mark a cross
(X), over which.

Set an iron post, 3 ft. long, 3 ins. diam., in a mound
of stone, 5 ft. base, 3 ft. high, for cor. Ts. 41 and
42 S., Rs. 10 and 11 E., with brass cap marked.

T41S

R10E R11E

S36 S31

S1

S6

T42S

1925

Cor. is situated about 10 chains E. of the E. rim of
deep canyon.

Land, broken, with a general northwesterly exposure and
drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain
rush and yellow top.

No timber.

Fair grazing.

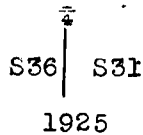
Chains

From the cor. Ts. 42 and 43 S., Rs. 10 and 11 E., heretofore described.

North, on true line bet. secs. 31 and 36, along the W. bdy. of the township.

Over rolling top of mesa through scattered undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked.



Deposit a sandstone, 5 x 5 x 4 ins., at base of post, marked with a cross (X).

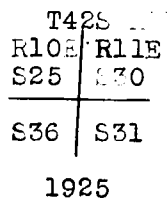
No other suitable accessories available.

61.00 Draw, 30 ft. deep, drains NW.

63.80 Same draw as last, drains NE.

80.00 On right bank of wash, bears NE. and SW.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 25, 30, 31 and 36, with brass cap marked.



Deposit a sandstone, 10 x 9 x 8 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Land, rolling, with a general northerly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

No timber.

Fair grazing.

Chains

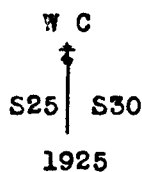
North, bet. secs. 25 and 30.

Over rolling top of mesa through scattered undergrowth.

1.00 Wash, 50 lks. wide, 4 ft. deep, drains NE.

36.28 As the true point for the $\frac{1}{2}$ sec. cor. falls on top of high inaccessible butte; at this point, on surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor., to the $\frac{1}{2}$ sec. cor., with brass cap marked.



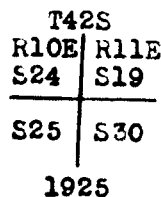
76.40 Base of inaccessible butte, bears NE. and SW.; to pass butte, I offset as follows.

East, 11.29 chs. dist.; thence North on offset line:

78.70 Offset West, 11.29 chs. dist. to true line at N. end of butte; thence on true line.

80.00 On surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for cor. secs. 19, 24, 25 and 30, with brass cap marked.



land, rolling and broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

No timber.

Poor grazing.

Survey West Boundary, T. 42 S., R. 11 E.

Chains

North, bet. secs. 19 and 24.

Over broken land through scattered undergrowth.

10.00 Swale, 20 ft. deep, drains E.; ascend gradual SE. slope.

38.80 Top of ascent, 100 ft. above swale, bears E. and W.;
descend gradual NE. slope.

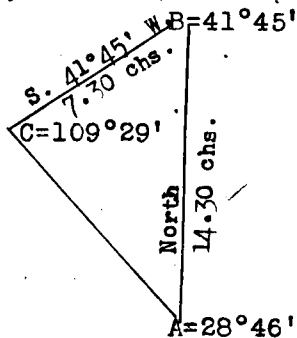
40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S24 | S19
1925

Deposit a sandstone, 5 x 5 x 5 ins., at base of post,
marked with a cross (X).

No other suitable accessories available.

64.63 Left rim of deep gulch, over which I am unable to chain,
bears NE. and SW.; I therefore triangulate as follows.
Erect flag "A" at this point and flag "B" on line N.
From flag "B", measure base line "BC", S. $41^{\circ}45'$ W.,
7.30 chs. dist., from which point, flags "AB" subtend
an angle of $109^{\circ}29'$.



Distance on line =

Distance by triangulation =

64.63 chs.

14.30 chs.

78.93 chs.

70.00 (Approximate Distance); bottom of deep gulch, 380 ft.

below top of ascent, drains NE.; ascend abrupt broken
NW. breaks.

78.93 To point "B" of triangulation in broken ledges, 200 ft.
above gulch. At a point, 47 lks. W. of this point, on
surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound
of stone, 5 ft. base, 3 ft. high, for witness cor. to
the cor. secs. 13, 18, 19 and 24, with brass cap marked.

Survey West Boundary, T. 42 S., R. 11 E.

Chains

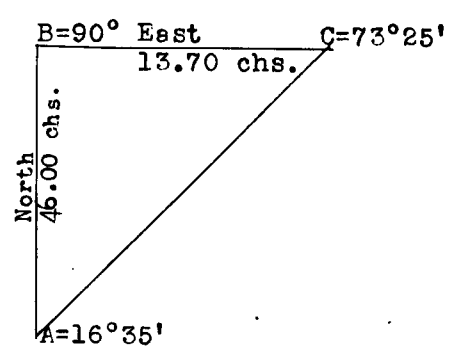
T42S	
R10E	R11E WC
S13	S18
S24	S19

1925

80.00 True point for the cor. secs. 13, 18, 19 and 24, falls in inaccessible ledges..
 Land, broken, with a general northeasterly exposure and drainage.
 Soil, shallow loose sand and rock; 3rd rate.
 Undergrowth, scattered shedscale, blackbrush, mountain rush and yellow top.
 No timber.
 Fair grazing.

North, bet. secs. 13 and 18.

Over inaccessible ledges, through scattered undergrowth. It being impossible to commence at the true point for sec. cor., I commence at a point, 1.07 chs. South of true cor. point, which is 47 lks. E. of the witness cor. to cor. secs. 13, 18, 19 and 24, and determine the distance N. by triangulation as follows. Erect flag "A" at this point and flag "B" on line N. From flag "B", measure base line "BC", East, 13.70 chs. dist., from which point, flags "AB" subtend an angle of 73°25'



Distance by triangulation=	46.00 chs.
Distance N. from true cor. point=	44.93 chs.
Distance by return measurement=	4.93 chs.
	<u>40.00 chs.</u>

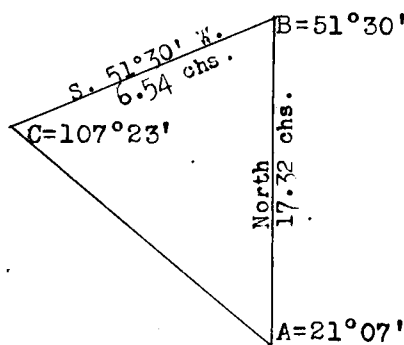
40.00 On surface rock, mark a cross (X), over which.
 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with

Survey West Boundary, T. 42 S., R. 11 E.

Chains

$\frac{1}{4}$
 S13 | S18
 1925

- 44.93 Distance counted from true point for cor. secs. 13, 18, 19 and 24; to point "B" of triangulation; thence by direct measurement over broken ledges.
- 51.57 Right rim of deep gulch over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line N. From flag "B", measure base line "BC", S. $51^{\circ}30'$ W., 6.54 chs. dist., from which point, flags "AB" subtend an angle of $107^{\circ}23'$.



Distance on line =	51.57 chs.
Distance by triangulation=	17.32 chs.
	68.89 chs.

- 60.00 Approximate distance; bottom of gulch, 220 ft. deep, drains NE.; ascend inaccessible NW. breaks of gulch.
- 68.89 To point "B" of triangulation, at top of NW. breaks of gulch, 220 ft. above bottom, bears NE. and SW.; thence by direct measurement over broken SE. slope.
- 76.42 At base of inaccessible ledges, on surface rock, mark a cross (X), over which.
- Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor. to the cor. secs. 7, 12, 13 and 18, with brass cap marked.

WC
 T42S
 R10E | R11E
 S12 | S7

 S13 | S18
 1925

- 80.00 True point for the sec. cor. falls in inaccessible ledges. Land, broken, with a general northeasterly exposure and drainage.

Survey West Boundary, T. 42 S., R. 11 E.

Chains

Soil, shallow sand, rock and clay; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain
rush and yellow top.

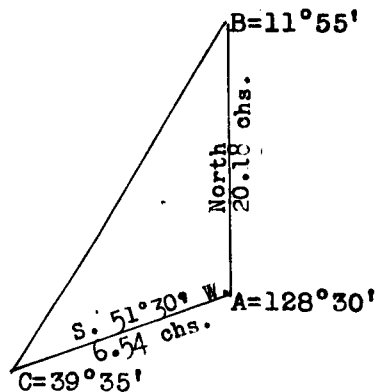
No timber.

Fair grazing.

North, bet. secs. 7 and 12.

Over broken inaccessible ledges through scattered
undergrowth.

As it is impossible to commence at the true point for
cor. secs. 7, 12, 13 and 18, on account of inaccessible
ledges, I return to the 68.89 chs. point left bet. secs.
13 and 18, and which I designate as "A", and determine
the distance N. from this point by triangulation as
follows. Erect flag "B" on line N. and from flag "A",
measure base line "AC", S. $51^{\circ}30'$ W., 6.54 chs. dist.,
from which point, flags "AB" subtend an angle of $39^{\circ}35'$.



Distance by triangulation=

20.18 chs.

Dist. N. of true point for sec. cor.

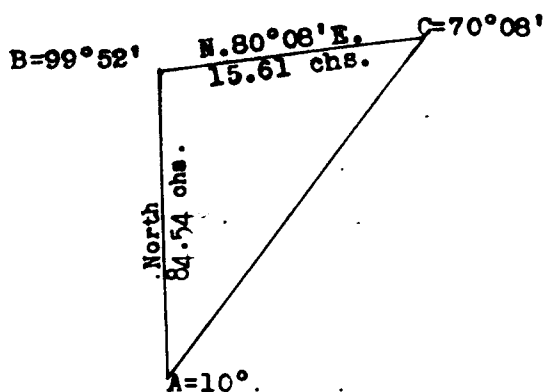
$$\begin{array}{r} 20.18 \text{ chs.} \\ -11.11 \text{ chs.} \\ \hline 9.07 \text{ chs.} \end{array}$$

9.07 To point "B" of triangulation, on top of high butte.

The inaccessible breaks of deep canyons make chaining to
the N. of this point impracticable, I therefore
triangulate as follows. Designate this point "A" and
erect flag "B" on line N. From flag "B", measure base
line "BC", N. $80^{\circ}08'$ E., 15.61 chs. dist. from which
point, flags "AB" subtend an angle of $70^{\circ}08'$.

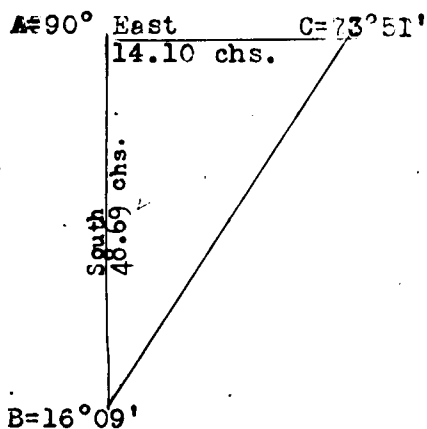
Survey West Boundary, T. 42 S., R. 11 E.

Chains



Distance on line =	9.07 chs.
Distance by triangulation=	84.54 chs.
	<u>93.61 chs.</u>
Distance by return measurement=	13.61 chs.
	<u>80.00 chs.</u>

Thence, from the true point for the cor. secs. 1, 6, 7 and 12, South, by triangulation over inaccessible ledges. Designate the point for cor. secs. 1, 6, 7 and 12 "A". Erect flag "B" on line S. and from flag "A", measure base line, "AC", East, 14.10 chs. dist., from which point, flags "AB" subtend an angle of 73°51'.



Distance by triangulation = 48.69 chs. or at a point, North, 31.31 chs. dist. from true point for cor. secs. 7, 12, 13 and 18.

Thence, from the true point for the cor. secs. 7, 12, 13 and 18, North, by triangulation, counting distances from true cor. point and giving approximate distances to topography.

- 25.00 Base of butte, 250 ft. high, bears E. and W.; descend abruptly over broken S. breaks of gulch.
- 30.00 Bottom of deep, gulch, drains NE.; ascend broken N. breaks of gulch.

Survey West Boundary, T. 42 S., R. 11 E.

Chains

31.31 To point "B" of triangulation; thence by direct measurement.

40.00 At top of N. breaks of gulch, 220 ft. above bottom, bears NE. and SW.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.

S12	S7
1925	

Deposit a sandstone, 9 x 5 x 5 ins., at base of post, marked with a cross (X).

Thence, over rolling bench land.

44.72 Top of gradual descent over broken ledges on NE. slope, bears SE. and NW.; thence by triangulation, giving approximate distances to topography.

65.00 Top of left rim of deep canyon, bears SE. and NW.

70.00 Deep Creek, stream muddy water, 20 lks. wide, 6 ins. deep, in bottom of canyon, 350 ft. below top of descent, drains NW.; ascend abrupt broken N. breaks of canyon.

73.00 Top of right rim of canyon, 200 ft. above bottom, bears NW. and SE.

80.00 On surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for cor. secs. 1, 6, 7 and 12, with brass cap marked.

T42S	
R10E	R11E
S1	S6
S12	S7
1925	

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush; mountain rush and yellow top.

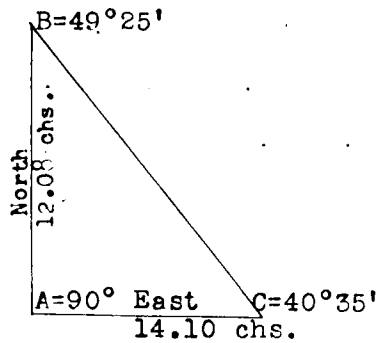
No timber. Fair grazing.

Chains

North, bet. secs. 1 and 6.

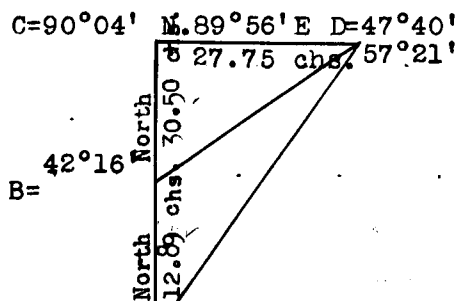
Over broken land through scattered undergrowth.

- 13.61 Base of inaccessible ledges, bears NE. and SW., also point "B" of triangulation as described on line bet. secs. 7 and 12. As high ledges make chaining to the N. of this point impracticable, I triangulate as follows. Designate this point "A" and erect flag "B" on line N. From flag "A", measure base line "AC", East, 14.10 chs. dist., from which point, flags "AB" subtend an angle of $40^{\circ}35'$.



Distance on line =	13.61 chs.
Distance by triangulation=	12.08 chs.
	<u>25.69 chs.</u>

- 25.69 To point "B" of triangulation at top of ledges, 400 ft. above sec. cor., bears SE. and NW. Thence ascend gradual SW. slope, by direct measurement.
- 32.00 Top of ascent, 80 ft. above top of ledge, bears SE. and NW.; descend abrupt NE. slope of surface rock.
- 36.77 The inaccessible E. breaks of deep canyon, makes chaining to the N. of this point impracticable, I therefore triangulate as follows. Erect flag "A" at this point, flag "B" on line N. and flag "C" at the cor. Ts. 41 and 42 S., Rs. 10 and 11 E. From flag "C", measure base line "CD", N. $89^{\circ}56'$ E., 27.75 chs. dist., from which point flags "BC" subtend an angle of $47^{\circ}40'$, and flags "AC" subtend an angle of $57^{\circ}21'$.



Survey West Boundary, T. 42 S., R. 11 E.

Chains

Distance on line=

36.77 chs.

Distance by triangulation "A" to "C"=

43.39 chs.

80.16 chs.

Distance on line=

36.77 chs.

Distance by triangulation "A" to "B"=

12.89 chs.

49.66 chs.

Distance by return measurement=

4.65 chs.

45.01 chs.

40.00 Point for the $\frac{1}{4}$ sec. cor. falls on steep slope of surface rock, where it is impossible to set cor.

45.01 On surface rock, at base of high ledge, bears E. and W.; mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked.

W C

S1 | S6

1925

Thence by triangulation.

49.66 To point "B" of triangulation at top of high elongated butte, bears E. and W.

80.16 The cor. Ts. 41 and 42 S., Rs. 10 and 11 E., heretofore described.

Land, broken, with a general westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

No timber.

Fair grazing.

Subdivision, T. 42 S., R. 11 E.

From the cor. secs. 1, 2, 35 and 36, on the S. bdy. of the township, heretofore described.

N. $0^{\circ}01'$ W., bet. secs. 35 and 36.

Over broken land through scattered undergrowth.

Chains

- 40.00 On broken W. slope, 140 ft. below sec. cor.
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.
- $\frac{1}{4}$
S35 | S36
1925
- Deposit a sandstone, 8 x 5 x 2 ins., at base of post, marked with a cross (X).
- 46.40 Enter rolling top of bench, bears E. and W.
- 63.50 Leave top of bench, bears E. and W.; descend gradual N. slope.
- 67.00 Wash, 40 lks. wide, 5 ft. deep, drains W.
- 75.60 Wash, 40 lks. wide, 5 ft. deep, drains SW.
- 78.00 Spur, 50 ft. high, projects SE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 25, 26, 35 and 36, with brass cap marked.

T42S	R11E
S26	S25
S35	S36

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, rolling and broken, with a general westerly exposure and drainage.

Soil, shallow loose clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

No timber.

Fair grazing.

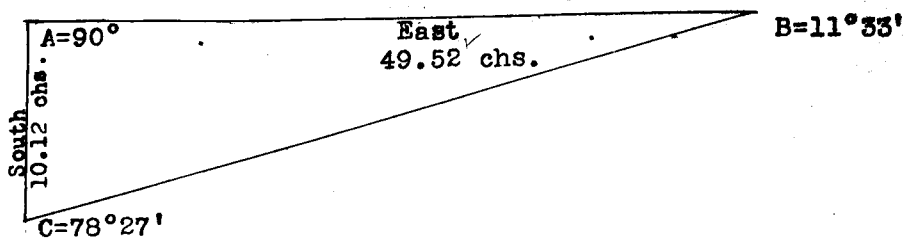
East, on random line bet. secs. 25 and 36.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 41.00 Inaccessible rim of Piute Mesa makes chaining to the E. of this point impossible, I therefore triangulate as follows. Erect flag "A" at the cor. secs. 25, 26, 35 and 36, and

Subdivision, T. 42 S., R. 11 E.

Chains

flag "B" on line at top of mesa. From flag "A", measure base line "AC", South, 10.12 chs. dist., from which point, flags "AB" subtend an angle of $78^{\circ}27'$.



49.52 To point "B" of triangulation.

80.12 Intersect the E. bdy. of the township, 5 lks. N. of the cor. secs. 25, 30, 31 and 36, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the finished notes of the survey T. 42 S., R. 12 E.

Thence,

N. $89^{\circ}58'$ W., on true line bet. secs. 25 and 36.

Over rolling top of Piute Mesa through scattered undergrowth.

30.60 Top of abrupt descent over inaccessible W. breaks of mesa, bears N. and SW.; thence by triangulation.

34.00 Approximate distance; base of abrupt descent, bears N. and S.; thence over broken W. slope.

39.12 Thence by direct measurement.

40.06 On surface rock, 700 ft. below top of mesa, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} \frac{1}{4} \text{ S25} \\ \hline \text{S36} \end{array}$$

1925

44.00 Descend gradually over rolling top of bench, bears N. and S.

64.00 Leave bench, bears N. and S.; descend abrupt W. slope.

80.12 The cor. secs. 25, 26, 35 and 36, 400 ft. below the $\frac{1}{4}$ sec. cor.

Land, rolling and broken, with a general westerly exposure and drainage..

Chains

Soil, shallow loose sand, clay, and rock; 3rd rate.

Undergrowth, scattered shadscale, sagebrush, mountain
rush and yellow top.

No timber.

Fair grazing.

N. 0°01' W., bet. secs. 25 and 26.

Descend abrupt NE. slope of broken land through scattered
undergrowth.

12.00 Draw, 200 ft. below cor., drains NW.; ascend abrupt,
broken SW. slope.

40.00 On broken SW. slope, 350 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
ground to bedrock and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S26 | S25
1925

Deposit a sandstone, 9 x 8 x 6 ins., at base of post,
marked with a cross (X).

52.29 Left flag for triangulation.

80.00 On abrupt W. slope, near base of perpendicular rim of
Piute Mesa.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. secs. 23, 24, 25 and 26, with brass
cap marked.

T42S | R11E
S23 | S24

S26 | S25
1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.
Land, broken, with a general westerly exposure and
drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

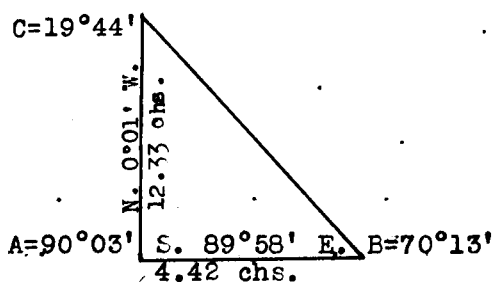
Undergrowth, scattered shadscale, blackbrush, mountain
rush and yellow top.

No timber. Fair grazing.

Subdivision, T. 42 S., R. 11 E.

Chains

S. $89^{\circ}58'$ E., on random line bet. secs. 24 and 25.
 Triangulate to top of inaccessible rim of mesa as follow
 Erect flag "A" at the sec. cor. and flag "B" on line at
 top of rim of mesa. From flag "A", measure base line
 "AC", N. $0^{\circ}01'$ W., 12.33 chs. dist., from which point,
 flags "AB" subtend an angle of $19^{\circ}44'$. Distance of
 base line determined by triangulation as shown on line
 bet. secs. 23 and 24.



- 4.42 To point "B" of triangulation.
 40.00 Set temp. $\frac{1}{4}$ sec. cor.
 80.22 Intersect the E. bdy. of the township, 5 lks. N. of the
 cor. secs. 19, 24, 25 and 30, which is an iron post,
 2 ins. diam., set, marked and witnessed as described
 in the finished notes of the survey T. 42 S., R. 12 E.
 Thence,
 N. $89^{\circ}56'$ W., on true line bet. secs. 24 and 25.
 Over rolling top of Piute Mesa through scattered under-
 growth and timber.
 40.10 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the
 ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S24
 $\frac{1}{4}$
 S25
 1925

From which,

- A juniper, 5 ins. diam., bears S. 42° E., 125 lks.
 dist., marked $\frac{1}{4}$ S25 BT.
 A juniper, 5 ins. diam., bears N. $64^{\circ}30'$ W., 227 lks.
 dist., marked $\frac{1}{4}$ S24 BT.
 75.80 To point "B" of triangulation at top of perpendicular
 rim of Piute Mesa, bears NW. and SE.; leave timber
 bears NW. and SE. Thence by triangulation

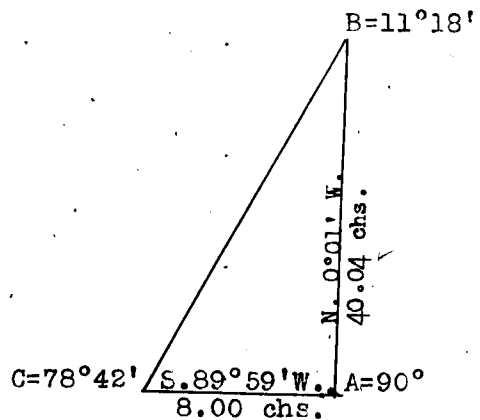
Chains

80.22 The cor. secs. 23, 24, 25 and 26; 540 ft. below top of rim of mesa.
 Land, rolling and broken, with a general westerly exposure and drainage.
 Soil, shallow loose sand and rock; 3rd rate.
 Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.
 Timber, scattered scrub juniper.
 Fair grazing.

N. $0^{\circ}01'$ W., bet. secs. 23 and 24.

Over inaccessible rim of Piute Mesa through scattered undergrowth.

It being impossible to triangulate to top of mesa from sec. cor. I return to the 52.29 chs. point left. bet. secs. 25 and 26, which I designate "A". Erect flag "B" on line N. at top of mesa. From flag "A", measure base line "AC" S. $89^{\circ}59'$ W., 8.00 chs. dist., from which point, flags "AB" subtend an angle of $78^{\circ}42'$.



Distance by triangulation=	40.04 chs.
Distance from flag "A" to sec. cor.	27.71 chs.
	<u>12.33 chs.</u>

12.33 To point "B" of triangulation at top of rim of Piute Mesa, 540 ft. above sec. cor., bears NW. and SE.; enter scattered timber, bears NW. and SE.; thence over broken top of mesa.

40.00 On surface rock, mark a cross (X), over which.
 Set an iron post, 3 ft. long, 1 in. diam., in a mound

Subdivision, T. 42 S., R. 11 E.

Chains

Inlet 3

of stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with
brass cap marked.

$$\begin{array}{c} \frac{1}{4} \\ S23 \mid S24 \\ 1925 \end{array}$$

From which,

A pinon, 5 ins. diam., bears S. $66^{\circ}15'$ E., 16 lks.
dist., marked $\frac{1}{4}$ S24 BT.

A juniper, 6 ins. diam., bears S. 8° W., 169 lks.
dist., marked $\frac{1}{4}$ S23 BT.

64.70 Wash, 20 lks. wide, 2 ft. deep, drains NW.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the
ground to bedrock and in a large mound of stone, for
cor. secs. 13, 14, 23 and 24, with brass cap marked.

$$\begin{array}{c} T42S \mid R11E \\ S14 \mid S13 \\ \hline S23 \mid S24 \\ 1925 \end{array}$$

From which,

A pinon, 8 ins. diam., bears N. $22^{\circ}45'$ E., 165 lks.
dist., marked BT. Tree too scrubby for other marks.

A pinon, 8 ins. diam., bears S. $77^{\circ}30'$ E., 238 lks.
dist., marked T42S R11E S24 BT.

A pinon, 10 ins. diam., bears S. $45^{\circ}30'$ W., 137 lks.
dist., marked T42S R11E S23 BT.

A pinon, 10 ins. diam., bears N. $56^{\circ}45'$ W., 158 lks.
dist., marked T42S R11E S14 BT.

Land, rolling and broken, with a general westerly exposure
and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush, mountain rush, yellow
top and shadscale.

Timber, scattered juniper and pinon on portion of mile.

Good grazing.

Subdivision T. 42 S. R. 11 E.

Chains.

From the corner of sec. 13 and 24,
S. 89° 56' E. on random line bet. secs. 13 and 24,

40.00

Set temp. $\frac{1}{4}$ sec. cor.

80.24

Intersect the E. bdy. of the township, 3 lks. N. of the
corner of secs. 13, 18, 19, and 24, which is an iron post
3 ins. diam. set, marked and witnessed as described in
the finished notes of the survey of T. 42 S. R. 11 E.

Thence.

N. 89° 55' W. on true line bet. secs. 13 and 24,
Over broken top of Piute Mesa, through scattered timber
and undergrowth.

40.11

One chain N. of base of bend in ledge, bears S. and W.
Set an iron post 3 ft. long, 1 in. diam., 6 ins. in the
ground to bed-rock and in a large mound of stone for
 $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S 13
S24
1925

from which

A juniper, 5 ins. diam., bears S. 41° 10' E. 64
lks. dist., marked $\frac{1}{4}$ S24 BT

A juniper 5 ins. diam. bears N. 57° 10' W. 150 lks.
dist., marked $\frac{1}{4}$ S13 BT

54.82

Ledge, 30 ft. high, bears NE. and SW.

71.60

Wash, 10 lks. wide, 2 ft. deep, drains SW.

80.22

The cor. of secs. 13, 14, 23, and 24.

Land, broken and rolling, with a general westerly ex-
posure and drainage.

Soil, shallow, loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, black brush, mountain
rush and yellow top.

Timber, scattered juniper and pinon. Fair grazing.

N. 0° 01' W. bet. secs. 13 and 14,

Over broken top of Piute Mesa, through scattered under-

Subdivision I, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

Chains growth.

38.30 Base of gradual ascent over broken SW. slope, bears SW. and SE.

40.00 On surface rock, 100 ft. above base of ascent, mark a cross (X), over which

Set an iron post 3 ft. long, 1 in. diam. in a mound of stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked

S14 | S13
1935

55.00 Swale, 40 ft. deep, drains W.

60.00 Top of gradual descent over N. slope, bears E. and W.

75.00 Enter surface rock, bears E. and W.

77.12 On surface rock, 200 ft. below top of descent, mark a cross (X) over which

Set an iron post 3 ft. long, 2 ins. in diam., 30 ins. in a large mound of stones, for witness cor. to cor. of Secs. 11, 12, 13, and 14, with brass cap marked

W C
T428 R11E
S11 | S12
S14 | S13
1925

Cor. set on top of left rim of canyon, bears NW. and SE.

79.00 Bottom of canyon, 170 ft. below witness cor., drains NW. Ascend abrupt SW. slope of surface rock.

80.00 True point for cor. of secs. 11, 12, 13, and 14, falls on steep SW. slope of surface rock, where it is impracticable to set cor.

Land, broken, with a general northwesterly and southwesterly exposure and drainage.

Soil, shallow, loose sand and rock; 3d rate.

Undergrowth, scattered shadscale, black brush, mountain rush, and yellow top. No timber.

Fair grazing.

Subdivision, T. 42 S., R. 11 E.

Chains

From the true point for the cor. secs. 11, 12, 13 and 14.
S. 89°55' E., on random line bet. secs. 12 and 13.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.26 Intersect the E. bdy. of the township, 2 lks. N. of the cor.
secs. 7, 12, 13 and 18, which is an iron post, 2 ins.
diam., set, marked and witnessed as described in the
finished notes of the survey T. 42 S., R. 12 E.

Thence,

N. 89°54' W., on true line bet. secs. 12 and 13.

Over broken top of Plute Mesa through scattered timber
and undergrowth.

40.13 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the
ground to bedrock and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S12 \\ \frac{1}{4} \text{ ---} \\ S13 \\ 1925 \end{array}$$

From which,

A pinon, 12 ins. diam., bears S. 22°15' W., 59 lks.
dist., marked $\frac{1}{4}$ S13 BT.

A pinon, 6 ins. diam., bears N. 81°45' W., 85 lks.
dist., marked $\frac{1}{4}$ S12 BT.

45.00 Top of ledge, 30 ft. high, bears N. and S.; descend
gradually along broken N. slope.

80.26 True point for
The cor. secs. 11, 12, 13 and 14, 360 ft. below top of
ledge.

Land, broken, with a general westerly exposure and drain-
age.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain
rush and yellow top.

Timber, scattered juniper and pinon.

Fair grazing,

Subdivision, T. 42 S., R. 11 E.

Chains

From the true point for cor. secs. 11, 12, 13 and 14,
which is N. $0^{\circ}01'$ W., 2.88 chs. dist. from the witness
cor. said secs.

N. $0^{\circ}01'$ W., bet. secs. 11 and 12.

Ascend gradually over broken land through scattered
undergrowth and timber.

26.00 Base of ledge, bears NW. and SE.

30.20 Top of ledge, 180 ft. above true point for sec. cor.,
bears NW. and SE.; thence over rolling top of mesa.

40.00 On surface rock, mark a cross (X), over which.
Set an iron post, 3 ft. long, 1 in. diam., in a mound of
stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with
brass cap marked.

	$\frac{1}{4}$	
S11	|	S12
1926		

From which,

A pinon, 8 ins. diam., bears N. $16^{\circ}30'$ E., 107 lks.
dist., marked $\frac{1}{4}$ S12 BT.

A pinon, 24 ins. diam., bears S. $76^{\circ}30'$ W., 121 lks.
dist., marked $\frac{1}{4}$ S11 BT.

71.00 General drainage and exposure changes from the W. to the E.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in
the ground, for cor. secs. 1, 2, 11 and 12, with brass
cap marked.

T42S	R11E
S2	S1
S11	S12
1926	

From which,

A juniper, 18 ins. diam., bears N. $55^{\circ}15'$ E., 127 lks.
dist., marked T42S R11E S1 BT.

A juniper, 20 ins. diam., bears S. 23° E., 96 lks.
dist., marked T42S R11E S12 BT.

A juniper, 3 ins. diam., bears S. $77^{\circ}15'$ W., 209 lks.
dist., marked BT.

Chains

A juniper, 14 ins. diam., bears N. $21^{\circ}30'$ W., 265 lks. dist., marked T42S R11E S2 BT.

Land, broken, with a general easterly and westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

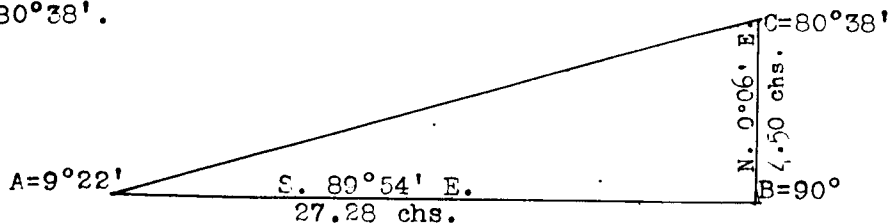
Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

Timber, scattered juniper and pinon.

Fair grazing.

S. $89^{\circ}54'$ E., on random line bet. secs. 1 and 12.

5.84 East breaks of Piute Mesa make chaining impossible, I therefore triangulate as follows: Erect flag "A" at this point and flag "B" on line to the E. from flag "B", measure base line "BC", N. $0^{\circ}06'$ E., 4.50 chs. dist., from which point, flags "AB" subtend an angle of $80^{\circ}38'$.



Distance on line=	5.84 chs.
Distance by triangulation=	27.28 chs.
	<u>33.12 chs.</u>

33.12 To point "B" of triangulation.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.12 Intersect the E. bdy. of the township, 5 lks. S. of the cor. secs. 1, 6, 7 and 12, which is an iron post, 2 ins. diam., set, marked and witnessed as described in the finished notes of the survey T. 42 S., R. 12 E.

Thence,

N. $89^{\circ}56'$ W., on true line bet. secs. 1 and 12.

Descend abrupt SW. slope of broken land through scattered undergrowth.

10.00 Draw, 140 ft. below cor., drains NW.; ascend abrupt NE. breaks of Piute Mesa.

40.06 On broken NE. slope, 150 ft. above draw.

Subdivision, T. 42 S., R. 11 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked. ✓

$$\begin{array}{r} S1 \\ \frac{1}{4} \text{---} \\ S12 \end{array}$$

1926

Deposit a sandstone, 9 x 8 x 6 ins. at base of post, marked with a cross (X).

47.00 To point "B" of triangulation; thence by triangulation over inaccessible E. breaks of Piute Mesa.

74.28 To point "A" of triangulation at top of mesa, 700 ft. above the $\frac{1}{4}$ sec. cor., bears N. and S.; thence over top of mesa.

80.12 The cor. secs. 1, 2, 11 and 12.

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, yellow top and mountain rush.

No timber.

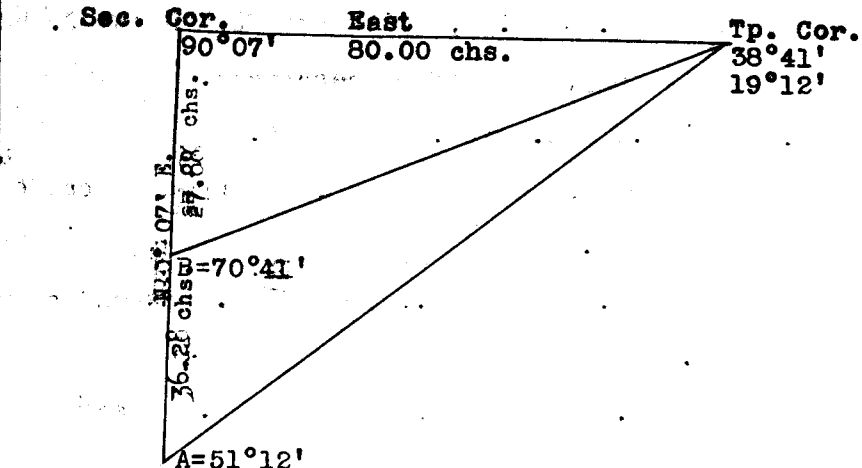
Fair grazing.

N. $0^{\circ}07'$ E., on true line bet. secs. 1 and 2, to visible signal left at the cor. secs. 1, 2, 35 and 36, on the N. bdy. of the township.

Over broken top of Piute Mesa through scattered undergrowth

15.66 Top of NE. breaks of mesa, bears NW. and SE. over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "A", the cor. Ts. 41 and 42 S., Rs. 11 and 12 E., subtends an angle of $31^{\circ}12'$ from the cor. of secs. 1, 2, 35 and 36, and from flag "B", the cor. Ts. 41 and 42 S., Rs. 11 and 12 E., subtends an angle of $70^{\circ}41'$, from the cor. secs. 1, 2, 35 and 36.

Chains



Distance on line= 15.66 chs.
 Distance by triangulation "A" to sec. cor. 64.16 chs.
 Distance by triangulation "B" to sec. cor. 27.88 chs.
 Distance by return measurement= 11.94 chs.
 40.00 chs.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S2 | S1
 1926

Deposit a sandstone, 7 x 6 x 5 ins., at base of post, marked with a cross (X).

Cor. set. on broken E. slope, 700 ft. below top of mesa and about 5.00 chs. E. of perpendicular wall which bears NW. and SE.; thence by direct measurement.

51.94 To point "B" of triangulation

79.82 The cor. secs. 1, 2, 35 and 36, on the N. bdy. of the township, 230 ft. below the $\frac{1}{4}$ sec. cor.

Land, broken, with a general easterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, mountain rush, black-brush and yellow top.

No timber.

Fair grazing.

Subdivision, T. 42 S., R. 11 E.

21140

Chains

From the cor. secs. 2, 3, 34 and 35, on the S. bdy. of the township, heretofore described.

N. $0^{\circ}01'$ W., bet. secs. 34 and 35.

Descend abruptly over broken land through scattered undergrowth.

1.44 Left flag for triangulation point.

9.00 Draw, 180 ft. below cor., drains NW.; ascend abrupt SW. slope.

15.80 Spur, 90 ft. above draw, projects NW.; descend abrupt N. slope.

27.40 Draw, 120 ft. below spur, drains W.; ascend gradual S. slope.

30.60 Top of ascent, 40 ft. above draw, bears NW. and SE.; descend gradual W. slope.

40.00 On broken W. slope, 40 ft. below top of ascent.

Set an iron post, 3 ft. long, 1 in. diam., 12 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

	$\frac{1}{4}$	
S34	|	S35
	1925	

Deposit a sandstone, 8 x 6 x 4 ins., at base of post, marked with a cross (X).

75.70 Draw, 270 ft. below the $\frac{1}{4}$ sec. cor., drains SW.; ascend gradual S. slope.

80.00 On gradual S. slope, 40 ft. above draw.

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for cor. secs. 26, 27, 34 and 35, with brass cap marked.

T42S	|	R11E
S27	|	S26
S34	|	S35
	1925	

Deposit a sandstone, 10 x 9 x 8 ins., at base of post, marked with a cross (X).

Land, broken, with a general westerly exposure and drainage.

Chains

Soil, shallow loose clay, sand and rock; 3rd rate.
Undergrowth, scattered shadscale, blackbrush, mountain
rush and yellow top.
No timber.
Fair grazing.

East, on random line bet. secs. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.90 Intersect the N. and S. line, 14 lks. N. of the cor. secs.
25, 26, 35 and 36.

Thence,

N. $89^{\circ}54'$ W., on true line bet. secs. 26 and 35.

Descend abrupt broken NW. slope through scattered
undergrowth.

14.40 Draw, 250 ft. below cor., drains SW.; ascend gradual
SE. slope.

27.50 Slope changes from SE. to W.

39.95 On broken W. slope, 80 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
ground to bedrock and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor., with brass cap marked.

S26
 $\frac{1}{4}$
S35

1925

Deposit a sandstone, 5 x 4 x 3 ins., at base of post,
marked with a cross (X).

41.50 Wash, 40 lks. wide, 20 ft. deep, drains SW.

46.20 Slope changes from W. to NW.

79.90 The cor. secs. 26, 27, 34 and 35, 290 ft. above the $\frac{1}{4}$
sec. cor.

Land, broken, with a general westerly exposure and
drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush and yellow
top.

No timber. Fair grazing.

Subdivision, T. 42 S., R. 11 E.

Chains N. 0°01' W., bet. secs. 26 and 27.

Descend gradual NW. slope through scattered undergrowth.

28.00 Draw, 140 ft. below cor., drains W.; ascend abrupt S. slope.

40.00 On abrupt S. slope, 200 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S27 | S26
1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

47.50 Washy 30 lks. wide, 4 ft. deep, drains W.

80.00 On broken W. slope, 220 ft. above the $\frac{1}{4}$ sec. cor.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 22, 23, 26 and 27, with brass cap marked.

T42S | R11E
S22 | S23
S27 | S26
1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Land, broken, with a general westerly exposure and drainage

Soil, shallow loose clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

No timber.

Fair grazing.

S. 89°54' E., on random line bet. secs. 23 and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.82 Intersect the N. and S. line, 19 lks. S. of the cor. secs. 23, 24, 25 and 26.

Thence,

S. 89°58' W., on true line bet. secs. 23 and 26.

Descend abrupt broken W. slope through scattered undergrowth.

12.60 Small spring of good water, bears North, 3.00 chs. dist.

Chains

- 21.00 Small elongated reservoir, bears E. and W. 2.00 chs. and N. and S., 1 ch. and 6 ft. deep; the center of which bears North, 3 chs. dist.
- 24.00 The SW. point of irregular fence inclosing approximately 3 acres of cultivated land, bears North, 50 lks. dist.
- 39.91 On broken NW. slope, 480 ft. below the sec. cor.
Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S23
 $\frac{1}{4}$ —————
S26
1925

Deposit a sandstone, 10 x 9 x 8 ins., at base of post, marked with a cross (X).

- 79.82 The cor. secs. 22, 23, 26 and 27, 280 ft. below the $\frac{1}{4}$ sec. cor.
Land, broken, with a general westerly exposure and drainage.
Soil, shallow loose clay, sand and rock; 3rd rate.
Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.
No timber.
Fair grazing.

N. 0°01' W., bet. secs. 22 and 23.

Descend gradual NW. slope of broken land through scattered undergrowth.

- 18.11 Left flag for triangulation point.
40.00 In small cove in broken NW. slope, 200 ft. below sec. cor.
Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
↑
S22 | S23
1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

- 80.00 On broken NW. slope, 140 ft. below the $\frac{1}{4}$ sec. cor.
Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in

Subdivision, T.. 42 S., R. 11 E.

Chains

the ground to bedrock and in a large mound of stone, for
cor. secs. 14, 15, 22 and 23, with brass cap marked.

T42S	R11E
S15	S14
S22	S23

1925

Deposit a sandstone, 11 x 10 x 9 ins., at base of post,
marked with a cross (X).

Land, broken, with a general westerly exposure and
drainage.

Soil, shallow loose clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain
rush and yellow top.

No timber.

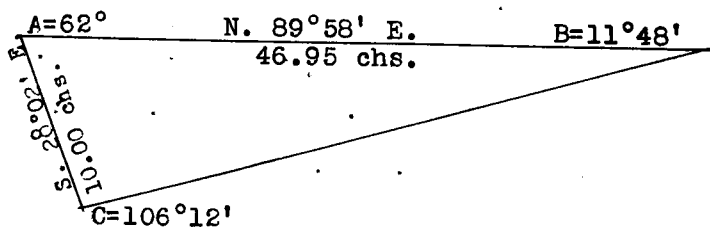
Fair grazing.

N. $89^{\circ}58'$ E., on random line bet. secs. 14 and 23.

20.01 Left flag for triangulation point.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

The line to the E. passes over inaccessible W. breaks
of Piute Mesa over which I am unable to chain, I there-
fore triangulate as follows. Return to the 20.01 chs.
point which I designate as "A". Erect flag "B" on line to
the E. and from flag "A", measure base line "AC",
S. $28^{\circ}02'$ E., 10.00 chs. dist., from which point, flags
"AB" subtend an angle of $106^{\circ}12'$.



Distance on line =
Distance by triangulation =

20.01 chs.
46.95 chs.
66.96 chs.

66.96 To point "B" of triangulation.

79.76 Intersect the N. and S. line, 2 lks. N. of the cor. secs.
13, 14, 23 and 24.

Thence,

Subdivision, T. 42 S., R. 11 E.

Chains

S. 89°59' W., on true line bet. secs. 14 and 23.

Over broken top of Piute Mesa through scattered undergrowth.

12.80 To point "B" of triangulation at top of W. rim of mesa, bears NW. and SE.; thence by triangulation over inaccessible ledges.

39.76 Thence by direct measurement.

39.88 At base of abrupt descent, 900 ft. below top of mesa. Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S14 \\ \frac{1}{4} \text{ --- } \\ S23 \end{array}$$

1925

Deposit a sandstone, 8 x 8 x 6 ins., at base of post, marked with a cross (X).

Thence, descend gradual, broken W. slope.

79.76 The cor. secs. 14, 15, 22 and 23, 170 ft. below the $\frac{1}{4}$ sec. cor.

Land, broken, with a general westerly exposure and drainage.

Soil, shallow loose clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

No timber.

Fair grazing.

N. 0°01' W., bet. secs. 14 and 15.

Over broken land through scattered undergrowth.

12.20 Wash, 40 lks. wide, 5 ft. deep, drains SW.

26.70 Wash, 30 lks. wide, 4 ft. deep, drains W.

40.00 On broken NW. slope of surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Chains

$\frac{1}{4}$
 S15 | S14
 1925

80.00 On broken W. slope.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. secs. 10, 11, 14 and 15, with brass cap marked.

T42S	R11E
S10	S11
S15	S14

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, broken, with a general westerly exposure and drainage.

Soil, shallow loose sand, rock and clay; 3rd rate.

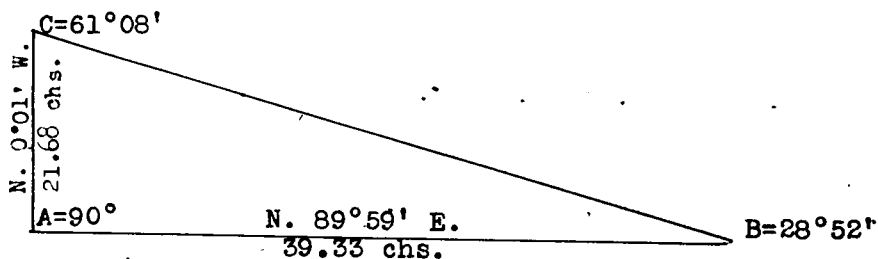
Undergrowth, scattered shadscale, blackbrush and yellow top.

No timber.

Fair grazing.

N. 89°59' E., on random line bet. secs. 11 and 14.

Inaccessible W. breaks of Piute Mesa make chaining to the E. of this cor. impossible, I therefore triangulate as follows. Erect flag "A" at the sec. cor. and flag "B" on line at top of mesa to the E. From flag "A", measure base line, "AC" N. 0°01' W., 21.68 chs. dist., from which point, flags "AB" subtend an angle of 61°08'.



39.33 To point "B" of triangulation.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.66 Intersect the N. and S. line, 61 chs. N. of the true point for cor. secs. 11, 12, 13 and 14, which is N. 0°01' W., 2.88 chs. dist. from the witness cor. to said secos.

Chains

Thence,

From the true point for sec. cor.

N. $89^{\circ}59'$ W., on true line bet. seds. 11 and 14.

Over broken top of Piute Mesa through scattered undergrowth and timber.

1.50 Draw, 50 ft. deep, drains NW.

10.50 Top of ledge, 30 ft. high, bears NW. and SE.

39.83 On surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S11 \\ \frac{1}{4} \\ \hline S14 \end{array}$$

1925

From which,

A juniper, 10 ins. diam., bears S. $53^{\circ}45'$ E., 86 lks. dist., marked $\frac{1}{4}$ S14 BT.

A juniper, 6 ins. diam., bears N. $52^{\circ}15'$ W., 43 lks. dist., marked $\frac{1}{4}$ S11 BT.

40.33 To point "B" of triangulation at top of abrupt descent over inaccessible W. breaks of Piute Mesa; bears NW. and SE.; leave timber, bears NW. and SE.; thence by triangulation.

79.66 The cor. secs. 10, 11, 14 and 15, 960 ft. below top of meas.

Land, broken, with a general westerly exposure and drainage.

Soil, shallow loose clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

No timber.

Fair grazing.

N. $0^{\circ}01'$ W., bet. secs. 10 and 11.

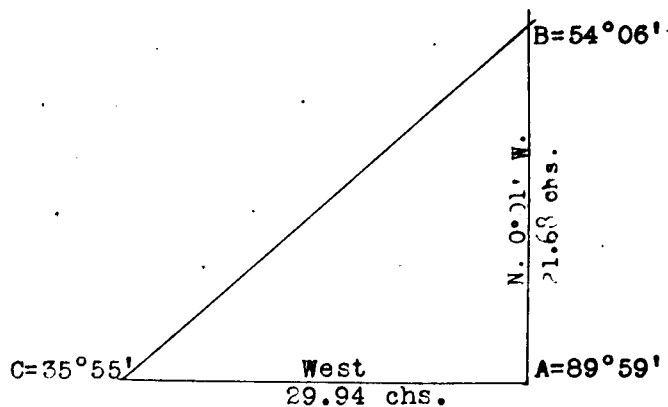
Over broken land through scattered undergrowth.

The line to the N. of this cor., passes over inaccessible

Subdivision, T. 42 S., R. 11 E.

Chains

W. breaks of Piute Mesa, I therefore triangulate to top of mesa as follows. Erect flag "A" at the sec. cor. and flag "B" on line to the N. at top of rim of mesa. From flag "A", measure base line "AC", West, 29.94 chs. dist., from which point, flags "AB" subtend an angle of $35^{\circ}55'$.

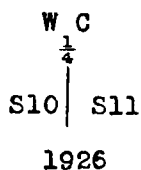


Distance by triangulation= 21.68 chs.

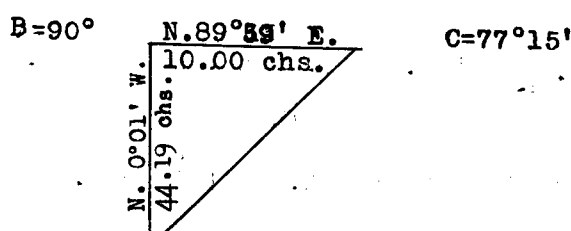
21.68 To point "B" of triangulation at top of rim of mesa, 770 ft. cor., bears NW. and SE.; thence over broken top of mesa.

35.68 At top of high inaccessible rim on point from main top of Piute Mesa, bears NW. and SE.; on surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor., to the $\frac{1}{4}$ sec. cor., with brass cap marked.



The inaccessible NE. breaks from point from mesa, makes chaining to the N. of this point impossible, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "B", measure base line "BC", N. $89^{\circ}59'$ E., 10.00 chs. dist., from which point, flags "AB" subtend an angle of $77^{\circ}15'$.



Subdivision, T. 42 S., R. 11 E.

Chains

Distance on line = 35.68 chs.
 Distance by triangulation= 44.19 chs.
 79.87 chs.

40.00 True point for the $\frac{1}{4}$ sec. cor. falls in inaccessible ledges.

65.00 Approximate distance; wash, 30 lks. wide, 4 ft. deep, drains NW;

79.87 To point "B" of triangulation.

80.00 On broken W. slope, 860 ft. below top of mesa.

Set an iron post, 3 ft. long; 2 ins. diam., 27 ins. in the ground, for cor. secs. 2, 3, 10 and 11, with brass cap marked.

T42S	R11E
S3	S2
S10	S11

1926

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor. Land, broken, with a general westerly exposure and drainage.

Soil, shallow loose clay, sand and rock; 3rd rate.

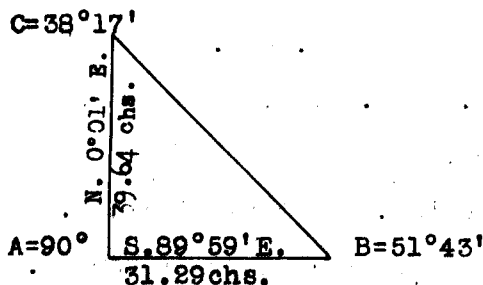
Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

No timber.

Fair grazing.

S. $89^{\circ}59'$ E., on random line bet. secs. 2 and 11.

Inaccessible W. breaks of Plute Mesa make chaining to the E. of this point impossible, I therefore triangulate as follows. Erect flag "A" at the cor. secs. 2, 3, 10 and 11, and flag "B" on line to the E. From flag "A", measure base line "AC", N. $0^{\circ}01'$ E., 39.64 chs. dist., from which point, flags "AB" subtend an angle of $38^{\circ}17'$.



Subdivision, T. 42 S., R. 11 E.

Ordinary

Chains

- 31.29 To point "B" of triangulation.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.68 Intersect the N. and S. line, 21 lks. S. of the cor., sec.
1, 2, 11 and 12.
- Thence,
S. $89^{\circ}52'$ W., on true line bet. secs. 2 and 11.
Descend gradual W. slope of broken top Piute Mesa through
scattered undergrowth.
- 35.45 Top of ledge, 10 ft. high, bears NE. and SW.
- 39.84 On broken W. slope of surface rock, 220 ft. below sec.
cor., mark a cross (X), over which.
Set an iron post, 3 ft. long, 1 in. diam., in a mound of
stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with
brass cap marked.
- $$\begin{array}{r} S2 \\ \frac{1}{4} \\ \hline S11 \\ 1926 \end{array}$$
- 48.39 To point "B" of triangulation at top of W. breaks of mesa,
bears N. and S.; thence by triangulation over inaccessible
ledges.
- 79.68 The cor. secs. 2, 3, 10 and 11, 750 ft. below top of mesa.
Land, broken, with a general westerly exposure and drainage.
Soil, shallow loose sand, clay and rock; 3rd rate.
Undergrowth, scattered shadscale, blackbrush, mountain
rush and yellow top.
No timber.
Fair grazing.
-
- N. $0^{\circ}07'$ E., on random line bet. secs. 2 and 3.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.87 Intersect the N. bdy. of the township, 23 lks. E. of the
cor. secs. 2, 3, 34 and 35, heretofore described.
- Thence,
S. $0^{\circ}03'$ E., on true line bet. secs. 2 and 3.
Ascend gradually over broken NW. slope through scattered
undergrowth.

Chains

33.00 Slope changes from NW. to the W.

34.00 Small spring of good water, bears N. 44°30' W., about 12.00 chs. dist. A small spring of good water, bears S. 88°45' W., about 13 chs. dist.

39.87 On abrupt W. slope, 260 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 \downarrow
 S3 | S2
 1926

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

53.50 Top of ascent, 40 ft. above the $\frac{1}{4}$ sec. cor., bears NE. and SW.; thence descend abrupt SE. slope.

57.50 Wash, 40 lks. wide, 4 ft. deep, drains W.; thence descend abrupt W. slope.

66.70 Wash, 40 lks. wide, 4 ft. deep, drains NW.

79.87 The cor. secs. 2, 3, 10 and 11, 260 ft. below top of ascent.

Land, broken, with a general westerly exposure and drainage.

Soil, shallow loose clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

No timber.

Fair grazing.

From the cor. secs. 3, 4, 33 and 34, on the S. bdy. of the township, heretofore described.

N. 0°02' W., bet. secs. 33 and 34.

Over broken land through scattered undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Subdivision, T. 42 S., R. 14 E.

Chains

Entered

1/4
S33 | S34

1925.

Deposit a sandstone, 12 x 6 x 3 ins., at base of post, marked with a cross (X).

55.00. Base of abrupt ascent over broken left rim of Piute Canyon, bears NE. and SW.

73.14 Left flag for triangulation point.

73.66 At base of inaccessible ledges, bears NE. and SW.; 800 ft. above the sec. cor.

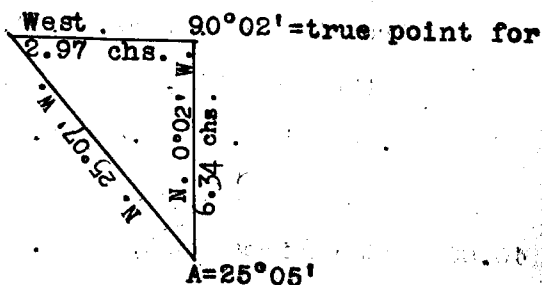
Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the cor. secs. 27, 28, 33 and 34, with brass cap marked.

W	C
T42S	R11E
S28	S27
S33	S34

1925

Deposit a sandstone, 10 x 6 x 6 ins., at base of post, marked with a cross (X).

As the true point for the cor. secs. 27, 28, 33 and 34, falls on face on inaccessible ledge of left rim of Piute Canyon, I determine the distance to a point on top of rim, West of the true point for sec. cor. as follows. Erect flag "A" at the witness cor. to the sec. cor., and from the cor. of secs. 28, 29, 32 and 33, project a line E., as hereinafter described, 77.17 chs. dist. and erect flag "B". From flag "A", flag "B", bear N. 25°07' W. From "B" flag B=64°53' "A" subtends an angle of 64°53'.



80.00 To point "B" of triangulation and at a point, West, 2.97 chs. from the true point for cor. secs. 27, 28, 33 and

Chains

Land, broken, with a general easterly exposure and drainage.

Soil, shallow loose clay, sand and rock; 3rd rate.

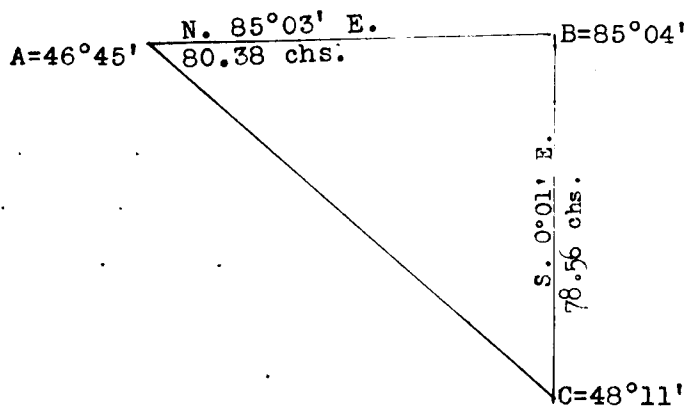
Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

No timber.

Fair grazing.

East, on random line bet. secs. 27 and 34.

It being impossible to reach the true point for the cor. of secs. 27, 28, 33 and 34, which is N. $0^{\circ}02'$ W., ^{6.34 chs.} from the witness cor. to said secs., I commence at a point, S. $0^{\circ}02'$ E., 6.86 chs. dist. from the true cor. point, and from this point, which I designate "A", the cor. of secs. 26, 27, 34 and 35, which I designate "B", bears N. $85^{\circ}03'$ E., and a point which I designate "C", left S. $0^{\circ}01'$ E., 78.56 chs. dist. from the cor. of secs. 26, 27, 34 and 35, subtends an angle of $46^{\circ}45'$, from point "B".



Distance by triangulation = 80.38 chs., N. $85^{\circ}03'$ E., or at a point, East, 80.08 chs. dist. from the true point for cor. secs. 27, 28, 33 and 34, and North, 8 lks. dist. from the cor. secs. 26, 27, 34 and 35.

Thence,

N. $89^{\circ}57'$ W., on true line bet. secs. 27 and 34 by direct measurement.

Descend gradual broken W. slope through scattered undergrowth.

Subdivision, T. 42 S., R. 11 E.

Chains

- 13.20 Draw; 120 ft. below cor., drains N. 70° W.; continue gradual descent.
- 32.50 Piute Creek, stream of muddy water, 15 lks. wide, 6 ins. deep, in bottom of canyon, 40 ft. below draw, drains NE.; thence over rolling bottom of canyon.
- 37.00 Leave bottom of canyon and ascend gradual E. slope.
- 40.04 Point for the $\frac{1}{4}$ sec. cor. falls in loose gravelly slide where it is impossible to set a permanent cor.
- 40.22 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked.

S27
 $\frac{1}{4}$ WC
S34

1925

Deposit a sandstone, 4 x 4 x 2 ins., at base of post, marked with a cross (X).

Note: the line to the W. of this cor. passes over the inaccessible W. breaks of Piute Canyon, over which I am unable to chain and it is impossible to triangulate to the W. of this cor. on line on account of the high ledges. The E. portion of this mile was double chained.

Distance by first chaining = 40.28 chs.

Distance by second chaining = 40.16 chs.

Position of mid point = 40.22 chs.

Land, broken, with a general easterly and westerly exposure and drainage.

Soil, shallow loose clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale and blackbrush.

No timber.

Fair grazing.

N. 0°02' W., bet. secs. 27 and 28.

It being impossible to commence at the true point for cor. secs. 27, 28, 33 and 34, on account of the inaccessible W. rim of Piute Canyon, I commence at a

Chains

point on top of rim, which is West, 2.94 chs. dist.
from the true point for cor.

Thence, N. $0^{\circ}02'$ W., on offset line along top of rim of
canyon, through scattered undergrowth.

15.60 Offset East, 2.94 chs. dist. to true line at top of left
rim of Piute Canyon, 300 ft. above true point for sec.
cor. bears N. 10° E. and S. 10° W.; thence along top
of rim, through scattered timber, bears N. 10° E. and
S. 10° W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the
ground to bedrock and in a large mound of stone, for
 $\frac{1}{2}$ sec. cor., with brass cap marked.



From which,

A juniper, 5 ins. diam., bears S. 28° E., 87 lks.
dist., marked BT. Tree too scrubby for other marks.
A juniper, 3 ins. diam., bears N. $21^{\circ}45'$ W., 27 lks.
dist., marked ET.

The line to the N. of this point passes over a series of
high sandstone buttes, bearing N. and S. over which I
am unable to chain, I therefore traverse along E. side
of base of buttes as follows.

N. $6^{\circ}15'$ E., 40.24 chs. dist.; thence
West, 1.63 chs. dist. to:

80.00 Point on the E. bdy. sec. 22, S. $89^{\circ}58'$ E., 2.77 chs.
dist., from the true point for the cor. secs. 21, 22,
27 and 28.

As the true point for the sec. cor. falls on inaccessible
face of butte, therefore at this point, at base of
high vertical ledge, , bears N. and S.; on surface
rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound
of stone, 5 ft. base, 3 ft. high, for witness cor. to
the cor. secs. 21, 22, 27 and 28, with brass cap marked.

Subdivision, T. 42 S., R. 11 E.

Chains

	T42S	R11E
	S21	S22
WC	S28	S27
	1925	

Land, broken, with a general easterly exposure and drainage.

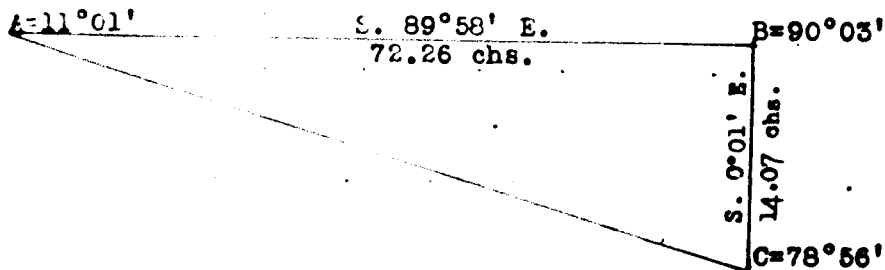
Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush and yellow top.

Timber, scattered juniper and pinon on N. portion of mile.
Fair grazing.

From the witness cor. to the cor. secs. 21, 22, 27 and 28, which is S. 89°58' E., ^{2.77 chs.} of the true point for cor. said S. 89°58' E., on random line bet. secs. 22 and 27, to visible signal left at the cor. of secs. 22, 23, 26 and 27, counting distances from the true point for the cor. secs. 21, 22, 27 and 28.

7.70 Top of left rim of Piute Canyon over which I am unable to chain, I therefore triangulate as follows. Designate this point "A" and the cor. secs. 22, 23, 26 and 27, which bears S. 89°58' E., "B". From point "B", measure base line "BC", S. 0°01' E., 14.07 chs. dist., from which point, flags "AB" subtend an angle of 78°56'.



Distance by triangulation=
Distance on line =

Distance by return measurement=

72.26 chs.
7.70 chs.
79.96 chs.
40.00 chs.
39.96 chs.

40.00 Set temp. [sec. cor.

79.96 The cor. secs. 22, 23, 26 and 27,

Thence,

N. 89°58' W., on true line bet. secs. 22 and 27.

Subdivision, T. 42 S., R. 11 E.

Chains

Descend gradual, broken W. slope through scattered undergrowth.

31.00 Enter rolling bottom of Piute Canyon, bears N. and S.

38.80 On right bank of Piute Creek channel, 350 ft. below sec. cor., bears N. and S.

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground to bedrock and in a large mound of stone, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} \text{WC } \frac{1}{4} \frac{\text{S22}}{\text{S27}} \end{array}$$

1925

Deposit a sandstone, 8 x 8 x 7 ins., at base of post, marked with a cross (X).

39.98 Point for the $\frac{1}{4}$ sec. cor. falls in bottom of Piute Creek, stream of muddy water, 15 lks. wide, 6 ins. deep, drains N.

40.00 Thence by triangulation over inaccessible W. breaks of canyon, bears N. and S.

72.26 To point "A" of triangulation at top of W. breaks of canyon, 1120 ft. above Piute Creek, bears N. and S.; thence by direct measurement over broken top of mesa.

77.19 The witness cor. to the cor. secs. 21, 22, 27 and 28.

79.96 The true point for the cor. secs. 21, 22, 27 and 28.

Land, broken, with a general easterly and westerly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattered shedscale and blackbrush.

No timber.

Fair grazing.

N. 0°02' W., bet. secs. 21 and 22.

Over broken top of mesa through scattered undergrowth and timber.

As it is impossible to reach the true point for the cor. secs. 21, 22, 27 and 28, I commence at a point, East, 4.40 chs. dist. from the true cor. point and which

Subdivision, T. 42 S., R. 11 E.

Chains

is East, 1.63 chs. dist. from the witness cor. to said secs.; thence on offset line as follows, along the E. base of high inaccessible buttes.

N. $0^{\circ}02'$ W., 10.82 chs., thence;

West, 4.40 chs. to

10.82 To point on true line at base of N. end of buttes; and set a point at the S. base of high butte to the N. As it is impossible to chain over the inaccessible walls of the butte to the N., I offset as follows.

West, 2.70 chs. dist., thence;

N. $0^{\circ}02'$ W., 22.66 chs., thence,

East, 2.70 chs. dist. to:

33.48 Point on true line at top of W. breaks of Piute Canyon, bears N. 20° W. and S. 20° E. As the true point for the $\frac{1}{4}$ sec. cor. will fall in inaccessible breaks of canyon, where it is impossible to reach the cor. point, therefore at this point, on surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked.

W. C.
 $\frac{1}{4}$
 S21 | S22
 1925

No suitable bearing trees available.

As the line to the N. of this cor. passes over inaccessible

W. breaks of canyon, I offset as follows along top of breaks.

West, 2.70 chs. dist.; thence,

N. $0^{\circ}02'$ W., 28.52 chs. dist.; thence,

East, 2.70 chs. dist. to:

62.00 Point on true line at top of rim of breaks, bears N. 15° W. and S. 15° E. Thence, on traverse line along top of inaccessible rim of breaks.

N. $16^{\circ}30'$ W., 18.77 chs. dist., thence;

Chains

East, 41 lks. to:

80.00 Point on the S. bdy. sec. 16, S. $89^{\circ}57'$ W., 4.92 chs.
dist. from the true point for the cor. secs. 15, 16,
21 and 22.

At this point, on surface rock, mark a cross (X), over
which:

Set an iron post, 3 ft. long, 2 ins. diam., in a mound
of stone, 5 ft. base, 3 ft. high, for witness cor. to
the cor. secs. 15, 16, 21 and 22, with brass cap marked.

T42S	R11E	
S16	S15	
S21	S22	WC

1925

Cor set at top of W. breaks of Piute Canyon, bears N.
and S.

The true point for cor. falls in inaccessible breaks
where it is impossible to reach the true cor. point.

Land, broken, with a general easterly exposure and
drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain
rush and yellow top.

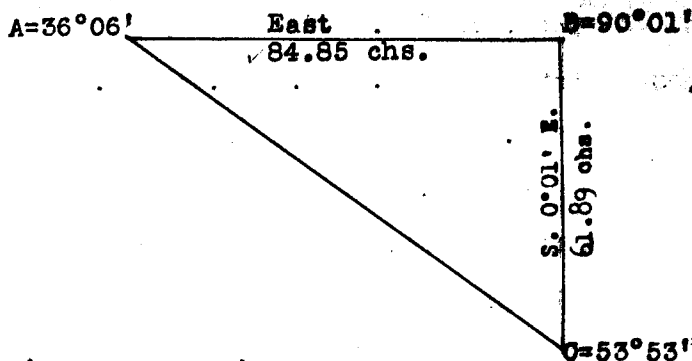
Timber, a few scattered scrub juniper and pinon.

Fair grazing.

As it is impossible to commence at the true point for
the cor. secs. 15, 16, 21 and 22, I commence at the
witness cor. to said secs., which is S. $89^{\circ}57'$ W.,
4.92 chs. dist. from the true point for cor. said secs.
and determine the distance E. by triangulation as follows.
Designate the witness cor. "A" and the cor. secs. 14,
15, 22 and 23, which bears E., "B". From the witness
cor., a flag left S. $0^{\circ}01'$ E., 61.89 chs., dist. from
point "B", subtend an angle of $36^{\circ}06'$ from point "B".

Subdivision, T. 42 S., R. 11 E.

Chains



Distance by triangulation=	84.85 chs.
Distance to true cor. point=	4.92 chs.
	<hr/>
Distance by return measurement=	79.93 chs. ✓
	45.84 chs.
	<hr/>
	34.09 chs.

34.09 Thence by direct measurement.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.93 To point "B" of triangulation at the cor. secs. 14, 15, 22 and 23.

Thence,

West, on true line bet. secs. 15 and 22.

Descend gradual broken west slope, through scattered undergrowth,

11.00 Wash, 30 lks. wide, 4 ft. deep, drains SW.

18.30 Spur, 40 ft. high, projects SW.

23.00 Wash, 30 lks. wide, 5 ft. deep, drains NW.

39.965 On broken W. slope, 450 ft. below cor.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S15
 $\frac{1}{4}$ —————
 S22

1925

Deposit a sandstone, 8 x 8 x 6 ins., at base of post, marked with a cross (X).

45.84 Piute Creek, stream of muddy water, 15 lks. wide, 6 ins. deep, in bottom of canyon, 160 ft. below the $\frac{1}{4}$ sec. cor., drains NW.; thence by triangulation over inaccessible W. breaks of canyon.

79.93 Point for the cor. secs. 15, 16, 21 and 22, 1150 ft. above Piute Creek, in inaccessible ledges.

Chains

N. $0^{\circ}02'$ W., bet. secs. 15 and 16.

It being impossible to reach the true point for the cor.

secs: 15, 16, 21 and 22; which is N. $89^{\circ}57'$ E., 4.92

chs. dist. from the witness cor. to said secs, I

commence at a point, S. $0^{\circ}02'$ E., 18.00 chs. dist.

from the true point for cor., and determine the distance to the N. by triangulation over inaccessible W. breaks of Piute Canyon, through scattered undergrowth as follows.

Designate this point "A" and erect flag "B" on line

to the N. From flag "B" measure base line "BC", East,

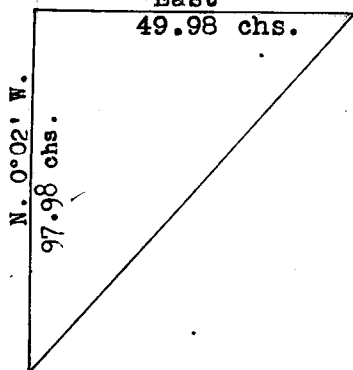
49.98 chs. dist., from which point, flags "AB" subtend

an angle of 63° .

B= $89^{\circ}58'$

East
49.98 chs.

C= $63^{\circ}00'$



A= $27^{\circ}02'$

Distance by triangulation=

Distance from "A" to cor. point=

Distance by return measurement=

97.98 chs.

18.00 chs.

79.98 chs.

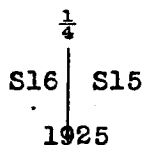
40.00 chs.

39.98 chs.

39.98 Thence by direct measurement.

40.00 On abrupt NE. slope, 820 ft. below top of rim.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.



Deposit a sandstone, 12 x 9 x 6 ins., at base of post, marked with a cross (X).

Continue abrupt descent over broken NE. slope.

72.00 Spur, 40 ft. high, projects NE.

79.00 To point "B" of triangulation.

Subdivision, T. 42 S., R. 11 E.

Chains

79.70 On left bank of Piute Creek, 440 ft. below the $\frac{1}{4}$ sec. cor. bears NW. and SE.

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for witness cor. to the cor. secs. 9, 10, 15 and 16, with brass cap marked.

	W	C
T42S		R11E
S9		S10
S16		S15

1925

Raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

79.98 To point "B" of triangulation.

80.00 True point for the cor. secs. 9, 10, 15 and 16, falls in channel of Piute Creek, where it is impossible to set a permanent cor.

Land, broken, with a general easterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

No timber.

Fair grazing.

From the true point for the cor. secs. 9, 10, 15 and 16, which is N. $0^{\circ}02'$ W., 30 lks. dist. from the witness cor. to said secs.

East, on random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.92 Intersect the cor. secs. 10, 11, 14 and 15.

Thence,

West, on true line bet. secs. 10 and 15.

Descend gradually over broken land through scattered undergrowth.

39.96 On abrupt SW. slope, 270 ft. below cor.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Subdivision, T. 42 S., R. 11 E.

Chains

S10
 $\frac{1}{4}$
S15

1925

Deposit a sandstone, 10 x 7 x 6 ins., at base of post, marked with a cross (X).

58.00 Draw, 20 ft. deep, drains SW.; small seep of good water in bottom of draw.

79.00 Piute Creek, 6 lks. wide, 3 ins. deep, in bottom of canyon, 340 ft. below the $\frac{1}{4}$ sec. cor., drains NW.

79.92 The true point for the cor. secs. 9, 10, 15 and 16.
Land, broken, with a general westerly exposure and drainage.
Soil; shallow loose sand, clay and rock; 3rd rate.
Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.
No timber.
Fair grazing.

From the true point for the cor. secs. 9, 10, 15 and 16, which is N. 0°02' W., 30 lks. dist., from the witness cor. to said secs.

N. 0°02' W., bet. secs. 9 and 10.

Over broken land through scattered undergrowth.

1.00 Piute Creek, stream muddy water, 6 lks. wide, 3 ins. deep, drains NW.; ascend abrupt, broken SW. slope.

24.29 Left flag for triangulation.

40.00 On broken SW. slope, 340 ft. above point for sec. cor. Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S9 | S10
1925

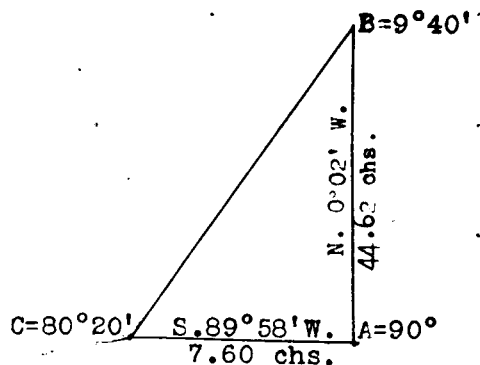
Deposit a sandstone, 9 x 8 x 6 ins., at base of post, marked with a cross (X).

The line to the N. of this point, passes over the inaccessible W. breaks of a point from top of Piute Mesa, and

Subdivision, T. 42 S., R. 11 E.

Chains

I determine the distance to top of point of mesa by triangulation as follows. Return to the 24.29 chs. point which I designate "A", and erect flag "B" on line to the N. From flag "A", measure base line "AC", S. 89°58' W., 7.60 chs. dist., from which point, flags "AB" subtend an angle of 80°20'.



Distance on line =	24.29 chs.
Distance by triangulation=	44.62 chs.
	<u>68.91 chs.</u>

68.91 To point "B" of triangulation, to top of point of mesa, 330 ft. above the $\frac{1}{2}$ sec. cor., bears NW. and SE.; thence over broken top of mesa.

80.00 On broken top of point from Piute Mesa, on surface rock, mark a cross (X); over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 4 ft. base, 3 ft. high, for cor. secs. 3, 4, 9 and 10, with brass cap marked.

T42S	R11E
S4	S3
S9	S10

1925

Land, broken, with a general southwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

No timber.

Fair grazing.

Chains

East, on random line bet. secs. 3 and 10.

19.07 Traverse as follows to avoid surface rock.

N. 62° E., 301 lks. dist., thence;

S. $60^{\circ}30'$ E., 270 lks. dist., thence;

South, 8 lks. dist. to: ~~random line~~

24.08 Point on random line; thence on random line.

34.37 Set temp. witness cor. to the $\frac{1}{4}$ sec. cor.

Inaccessible ledges make chaining to the E. of this

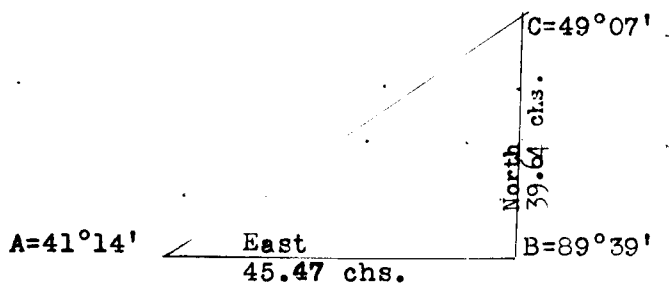
point impossible, I therefore triangulate as follows.

designate this point "A" and the cor. secs. 2, 3, 10 and

11, which bears S. $89^{\circ}49'$ E., "B". From point "B",

measure base line "BC", North, 39.64 chs. dist., from

which point, points "AB" subtend an angle of $49^{\circ}07'$.



Distance on line =

Distance by triangulation=

34.37 chs.

45.47 chs.

79.84 chs.

79.84 To point "B" of triangulation at the cor. secs. 2, 3,
10 and 11.

The course of this line therefore is, N. $89^{\circ}49'$ W., and the
distance is 79.84 chs.

Thence,

N. $89^{\circ}49'$ W., on true line bet. secs. 3 and 10, by
triangulation.

Ascend abrupt NE. breaks of point from the top of Piute
Mesa, through scattered undergrowth.

16.00 Draw, 80 ft. deep, drains NW. (Approximate distance)

39.92 Point for the $\frac{1}{4}$ sec. cor. falls in inaccessible ledges.

45.47 To point "A" of triangulation at top of NE. breaks of
mesa, 600 ft. above sec. cor., bears NW. and SE.

At this point, on surface rock, mark a cross (X), over

Subdivision, T. 42 S., R. 11 E.

Chains

which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked.

S3
 $\frac{1}{4}$ — WC
S10

1926

Thence, by direct measurement.

- 55.76 Top of abrupt descent over surface rock, bears NE. and SW. to avoid surface rock, I offset and traverse as follows. North, 8 lks. dist.; thence, N. 60°30' W., 2.70 chs. dist.; thence, S. 62° W., 3.01 chs. dist. to:

- 60.77 Point on true line at base of surface rock, bears NE. and SW.; thence on true line.

- 79.84 The cor. secs. 3, 4, 9 and 10, 310 ft. below the witness cor. to the $\frac{1}{4}$ sec. cor.

Land, broken, with a general westerly and northeasterly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

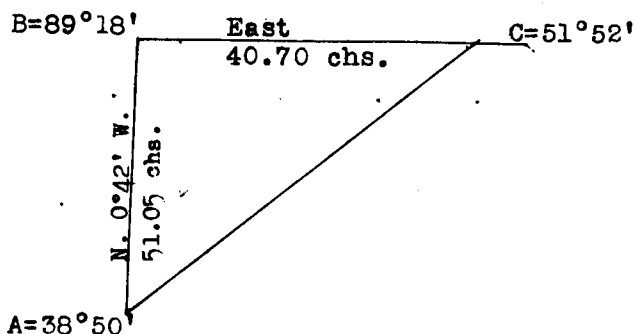
No timber.

Fair grazing.

N. 0°04' W., on random line bet. secs. 3 and 4.

- 28.70 Inaccessible ledges make chaining to the N. of this point impossible, I therefore triangulate as follows. Erect flag "A" at this point; designate the witness cor. to the cor. secs. 3, 4, 33 and 34, on the N. bdy. of the township, which is West, 70 lks. distant from the true point for the cor. as "B" and the $\frac{1}{4}$ sec. cor. secs. 3 and 34, as "C". From flag "A", the witness cor. to the cor. secs. 3, 4, 33 and 34, bears N. 0°42' W., and the $\frac{1}{4}$ sec. cor. secs. 3 and 34, bears N. 38°09' E.

Chains



Distance on line=	28.70 chs.
Distance by triangulation=	51.05 chs.
	<u>79.75 chs.</u>
Distance by return measurement=	39.75 chs.
	<u>40.00 chs.</u>

79.75 To point "B" of triangulation at the witness cor. to the cor. secs. 3, 4, 33 and 34.

The bearing of this line, from the cor. secs. 3, 4, 9 and 10, to the true point for the cor. secs. 3, 4, 33 and 34, therefore is, N. 0°02' W., and the distance is 79.75 chs.

Thence,

S. 0°02' E., on true line bet. secs. 3 and 4, from the true point for cor. secs. 3, 4, 33 and 34.

Ascend abrupt NE. breaks of point from top of Piute Mesa through scattered undergrowth.

39.75 On surface rock, 500 ft. above point for sec. cor.; mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S4 | S3
 1926

Thence by triangulation. Ascend abrupt inaccessible sandstone ledges.

46.00 Approximate distance; base of nearly perpendicular ledges bears NW. and SE.

51.05 To point "A" of triangulation at top of mesa, 680 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE.; thence by direct measurement over broken NW. slope of top of mesa.

Subdivision, T. 42 S., R. 11 E.

Chains

62.60 Slope changes from the NW. to the SW.

79.75 The cor. secs. 3, 4, 9 and 10.

Land, broken, with a general northeasterly and south-
westerly exposure and drainage.

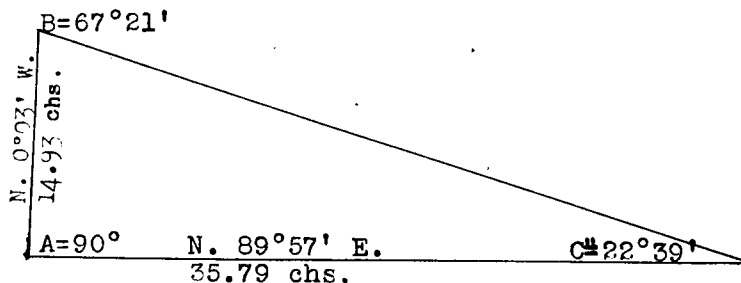
Soil, shallow loose clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain
rush and yellow top.

No timber.

Fair grazing.

It being impossible to commence at the true point for the
cor. of secs. 4, 5, 32 and 33, on the S. bdy. of the
township, and which is 60 lks. W. of the witness cor. to
said secs., I commence at a point, 2.69 chs. E. of the
true cor. point. From this point, the line to the
north passes over inaccessible ledges on top of W.
breaks of Piute Canyon, through scattered undergrowth,
therefore N. $0^{\circ}03'$ W., by triangulation on offset line
bet. secs. 32 and 33 as follows. Designate this point
"A" and erect flag "B" on line to the N. From flag "A"
measure base line "AC", N. $89^{\circ}57'$ E., 35.79 chs.
distant, from which point, flags "AB" subtend an angle
of $22^{\circ}39'$.



14.93 To point "B" of triangulation thence, West, 2.69 chs. to
true line at top of sandstone ridge, 120 ft. above
true point for sec. cor., bears NE. and SW.; thence
descend abrupt NW. slope over ledges.

38.60 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the
ground to bedrock and in a large mound of stone, for
witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked.

Subdivision, T. 42 S., R. 11 E.

Chains

W C
 $\frac{1}{4}$
 S32 | S33
 1925

Deposit a sandstone, 12 x 8 x 6 ins., at base of post, marked with a cross (X).

40.00 True point for the $\frac{1}{4}$ sec. cor. falls on face of ledge, where it is impossible to set a permanent cor. Mark a cross (X) at the true cor. point.

40.50 Head of draw, 500 ft. below ridge, drains NE.; ascend gradual SE. slope over ledges.

50.80 Spur, 80 ft. above head of draw, projects NE.; descend abrupt N. slope.

58.50 Draw, 60 ft. below spur, drains NE.; ascend gradual SE. slope.

58.50 Part of an Indian rock house, bears West, 2.00 chs. dist.

68.90 Base of ledge, 25 ft. high, bears NE. and SW.; ascent becomes abrupt, bears NE. and SW.

77.00 Top of ascent, 100 ft. above draw, bears E. and W.; descend abrupt NE. slope.

80.00 On surface rock, 30 ft. below top of ascent, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for cor. secs. 28, 29, 32 and 33, with brass cap marked.

T42S	R11E
S29	S28
S32	S33

1925

Land, broken by ledges, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

Timber, a few scattered scrub juniper and pinon.

Fair grazing.

Subdivision, T. 42 S., R. 11 E.

Chains

3012.00

East, on random line bet. secs. 28 and 33.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

77.17 Intersect a flag left West, 2.97 chs. from the true point
for cor. secs. 27, 28, 33 and 34, which is N. $0^{\circ}02'$ W.,
6.34 chs. dist. from the witness cor. to said secs.

Thence,

West, on true line, bet. secs. 28 and 33, counting dis-
tances from true point for cor.

2.97 Top of W. breaks of Piute Canyon, 150 ft. above cor. point
bears NE. and SW.; ascend gradually over surface rock.

6.00 Trail, bears N. and S.

9.00 Base of abrupt ascent over surface rock, bears N. and S.

19.00 Top of sandstone butte on the NE. point of ridge, 240 ft.
above top of rim; descend abrupt W. slope.

21.30 Top of ledge, 40 ft. high, bears N. and S.; descend
abruptly over W. slope of surface rock.

29.00 Base of abrupt descent over surface rock, bears N. and S.;
descend gradual W. slope.

40.07 On surface rock, 200 ft. below top of butte, mark a cross
(X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of
stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with
brass cap marked.

S28
 $\frac{1}{4}$
S33

1925

51.00 Leave surface rock, bears N. and S.

69.00 Draw, 170 ft. below the $\frac{1}{4}$ sec. cor., drains N.; ascend
gradual NE. slope.

80.14 The cor. secs. 28, 29, 32 and 33, 120 ft. above draw.
Land, broken, with a general northeasterly exposure and
drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale and blackbrush.

No timber.

Fair grazing.

Subdivision, T. 42 S., R. 11 E.

Chains

N. 0°03' W., bet. secs. 28 and 29.

Descend gradual NE. slope over broken top of mesa through scattered undergrowth.

15.00 Wash, 20 lks. wide, 4 ft. deep, drains NE.

30.50 Draw, 160 ft. below cor., drains NE.; ascend gradual SE. slope.

40.00 On top of sandstone butte, 130 ft. above draw.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
S29 | S28

1925

Deposit a sandstone, 8 x 8 x 2 ins., at base of post, marked with a cross (X)

Descend abrupt NE. slope of butte.

63.00 Draw, 170 ft. below the $\frac{1}{4}$ sec. cor., drains NE. 3.00 chs. dist. to junction with draw which drains N., 3.00 chs. thence NE.; ascend gradual SE. slope.

69.70 Trail, bears NW. and SE.

79.00 Top of sandstone spur, 80 ft. above draw, projects NE.; descend gradual NW. slope.

80.00 On NW. slope of surface rock, 40 ft. below spur; mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for cor. secs. 20, 21, 28 and 29, with brass cap marked.

T42S | R11E
S20 | S21

S29 | S28

1925

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale and blackbrush.

Timber, a few scattered scrub juniper and pinon.

Fair grazing.

Subdivision, T. 42 S., R. 11 E.

Chains

East, on random line bet. secs. 21 and 28.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

40.40 Run on traverse line along base of butte as follows.

N. 61° E., 22.31 chs.

East, 20.29 chs. to:

80.20 Point 10.73 chs. North, of the true point for the cor.

secs. 21, 22, 27 and 28, which is N. $89^{\circ}58'$ W., 2.73 chs. dist. from the witness cor. to said secs.

The bearing of this line therefore is, S. $89^{\circ}56'$ W., and the distance is 80.20 chs.

As the inaccessible breaks of high butte make it impossible to project a line to the W. of the true point for cor. secs. 21, 22, 27 and 28, I commence at a point, North, 10.77 chs. dist. and run on traverse line along base of butte as follows.

West, 20.29 chs.

S. 61° W., 22.31 chs. to:

39.80 Point on true line, thence:

S. $89^{\circ}56'$ W., on true line bet. secs. 21 and 28, over broken top of mesa through scattered undergrowth.

40.10 On surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S21 \\ \frac{1}{4} \\ \hline S28 \end{array}$$

1925

From which,

A pinon, 5 ins. diam., bears N. $44^{\circ}30'$ E., 158 lks. dist., marked $\frac{1}{4}$ S21 BT.

A juniper, 6 ins. diam., bears S. $69^{\circ}15'$ E., 153 lks. dist., marked $\frac{1}{4}$ S28 BT.

65.00 Gulch, 100 ft. below the $\frac{1}{4}$ sec. cor., drains NW.; ascend abrupt E. slope.

77.00 Sandstone spur, 140 ft. above gulch, projects N.; descend abrupt W. slope.

80.20 The cor. secs. 20, 21, 28 and 29, 20 ft. below spur.

Subdivision, T. 42 S., R. 11 E.

Chains

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose clay, sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

Timber, a few scattered scrub juniper and pinon.

Fair grazing.

N. 0°03' W., bet. secs. 20 and 21.

Descend gradual, broken N. slope of top of mesa through scattered undergrowth and timber.

16.60 Gulch, 50 ft. deep, drains NW.

39.10 Same gulch, drains NE. Water pocket, 5 ft. deep, 100 lks. wide, in bottom of gulch, bears SW., 3.00 chs. dist.

40.00 On left bank of wash in bottom of gulch, bears NE. and SW,; 200 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S20 | S21
 1925

From which,

A juniper, 5 ins. diam., bears S. 72° E., 155 lks. dist., marked BT. Tree too scrubby for other marks.

A juniper, 6 ins. diam., bears S. 7°15' W., 126 lks. dist., marked $\frac{1}{4}$ S20 BT.

42.20 An Indian rock house, bears East, 200 lks. dist.

50.00 Same gulch as last, drains NW.

69.70 Same gulch as last, drains NE.

80.00 On surface rock, 120 ft. below the $\frac{1}{4}$ sec. cor.; mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for cor. secs. 16, 17, 20 and 21, with brass cap marked.

Subdivision, T. 42 S., R. 11 E.

Chains

T42S	R11E
S17	S16
S20	S21

1925

No suitable bearing trees available.

Land, broken, with a general northerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

Timber, scattered juniper and pinon.

Fair grazing.

N. 89°56' E., on random line bet. secs. 16 and 21.

40.00 Set temp. 1 sec. cor.

80.18 Intersect the N. and S. line, 3 lks. N. of the true point for cor. secs. 15, 16, 21 and 22, which is N. 89°57' E., 4.92 chs. dist. from the witness cor. to said secs.

Thence,

S. 89°57' W., on true line bet. secs. 16 and 21 from the true point for cor.

Ascend abruptly over broken E. rim of W. breaks of Piute Canyon, through scattered undergrowth and timber.

4.92 The witness cor. to the cor. secs. 15, 16, 21 and 22, at top of rim, 150 ft. above cor., point, bears N. and S.; thence over broken top of mesa.

22.40 Top of gradual descent over broken W. slope, bears N. and S.

40.09 At head of draw, 200 ft. below top of descent, drains SW. Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for 1 sec. cor.; with brass cap marked.

S16

$\frac{1}{4}$ S21

1925

From which,

A juniper, 20 ins. diam., bears N. 68°30' E., 114 lks.

Chains

00.00 dist., marked $\frac{1}{4}$ S16 BT.

A juniper, 5 ins. diam., bears S. $84^{\circ}30'$ E., 272 lks.
dist., marked BT. Tree too scrubby for other marks.

45.60 Spur, 40 ft. high, projects SW.

78.50 Gulch, 50 ft. deep, drains N.

80.18 The cor. secs. 16, 17, 20 and 21, 150 ft. below the $\frac{1}{4}$
sec. cor.

Land, broken, with a general southwesterly exposure and
drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale, blackbrush, mountain
rush and yellow top.

Timber, scattered juniper and pinon.

Fair grazing.

N. $0^{\circ}03'$ W., bet. secs. 16 and 17.

Over broken top of mesa through scattered undergrowth.

40.00 On surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of
stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with
brass cap marked.

$\frac{1}{4}$
S17 | S16
1925

53.50 Brink of abrupt descent over inaccessible rim of mesa,
bears E. and W. To avoid ledges, I offset as follows.
West, 5.00 chs. dist.; thence N. $0^{\circ}03'$ W. on offset
line.

80.00 Offset East, 3.60 chs. to brink of mesa, bears N. and S.
As the true point for sec. cor. falls in the inaccessible
west breaks of Piute Canyon, where it is impossible to
reach the true cor. point, therefore, at this point,
which is 1.40 chs. west of the true cor., point; on
surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of

Subdivision, T. 42 S., R. 11 E.

Chains

stone, 5 ft. base, 3 ft. high, for witness cor. to the cor. secs. 8, 9, 16 and 17, with brass cap marked.

T42S	R11E
S8	S9
S17	S16

1925

WQ

Land, broken, with a general northerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shedscale, and blackbrush.

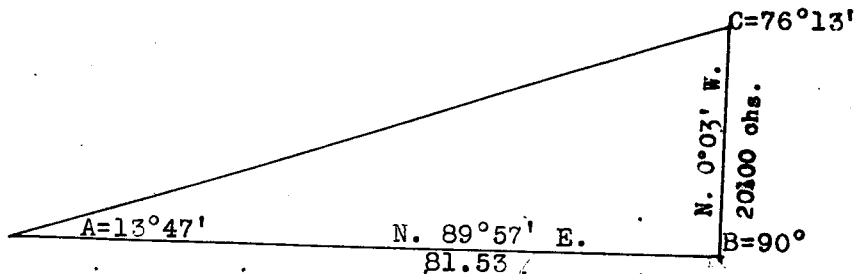
Timber, a few scattered scrub juniper and pinon.

Fair grazing.

It being impossible to reach the true point for the cor. secs. 8, 9, 16 and 17, I commence at the witness cor. to said secs.

Thence,

N. $89^{\circ}57'$ E., on random line bet. secs. 9 and 16, by triangulation as follows. Erect flag "A" at this point and flag "B" on line to the E. From flag "B", measure base line "BC", N. $0^{\circ}03'$ W., 20.00 chs. dist., from which point, flags "AB" subtend an angle of $76^{\circ}13'$.



Distance by triangulation=
Distance W. of cor. point=

81.53chs.
1.40 chs.
80.13 chs.
40.13 chs.
40.00 chs.

Distance by return measurement=

40.00 Set temp. $\frac{1}{2}$ sec. cor.

80.13 Intersect the N. and S. line, 2 lks. S. of the true point for the cor. secs. 9, 10, 15 and 16, which is N. $0^{\circ}02'$ W. 30. lks. dist. from the witness cor. to said secs.

Thence,

Chains

S. 89°56' W., on true line bet. secs. 9 and 16.

Ascend broken NE. slope of W. breaks of Piute Canyon, through scattered undergrowth.

40.065 On abrupt N. slope, 420 ft. above sec. cor. .

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} .S9 \\ \hline .S16 \end{array}$$

1925

Deposit a sandstone, 8 x 8 x 6 ins., at base of post, marked with a cross (X).

40.13 Thence by triangulation, giving approximate distances to topography; ascend abrupt inaccessible ledges of left rim of Piute Canyon.

51.80 The N. point of top of rim, 500 ft. above the $\frac{1}{4}$ sec. cor.; descend abrupt NW. slope.

65.00 Box canyon, 800 ft. below point of rim, drains NE.; small stream of good water, 3 lks. wide, 2 ins. deep in bottom of canyon.

80.13 The true point for the cor. secs. 8, 9, 16 and 17.

81.53 The witness cor. to the cor. secs. 8, 9, 16, and 17, 800 ft. above bottom of canyon; and point "A" of triangulation

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd rate.

Undergrowth, scattered shedscale, blackbrush, mountain rush and yellow top.

No timber.

Fair grazing.

It being impossible to reach the true point for the cor. secs. 8, 9, 16 and 17, which is East, 1.40 chs. dist. from the witness cor. to said secs. I commence at a

Chains

point, West, 15.50 chs. dist. from the true cor. point and run on traverse line along top of rim of mesa through scattered undergrowth as follows.

N. 22° E., 39.40 chs. to:

36.53 Point 71 lks. W. of true line; thence, N. 0°03' W. on offset line.

40.00 Unable to return to true line at this point. True point for the $\frac{1}{2}$ sec. cor. falls on inaccessible E. face of rim.

42.77 Offset E., 71 lks to true line.

At this point, on top of left rim of Piute Canyon; on surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor. to the $\frac{1}{2}$ sec. cor., with brass cap marked.

$\frac{1}{2}$	
S8	S9
W	C

1925

Thence on true line along top of rim which bears NE. and SW.

67.00 Base of abrupt ascent over SE. slope of sandstone butte.

70.00 Top of elongated butte, 60 ft. high, bears E. and W.; descend abrupt NE. slope of butte.

75.92 At top of left rim of Piute Canyon, bears NW. and SE.; 100 ft. below top of butte; on surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor. to the cor. secs. 4, 5, 8 and 9, with brass cap marked.

W C	
T42S	R11E
S5	S4
S8	S9

1925

80.00 True point for sec. cor. falls in inaccessible left breaks of Piute Canyon.

Chains

Land, broken, with a general easterly exposure and drainage.

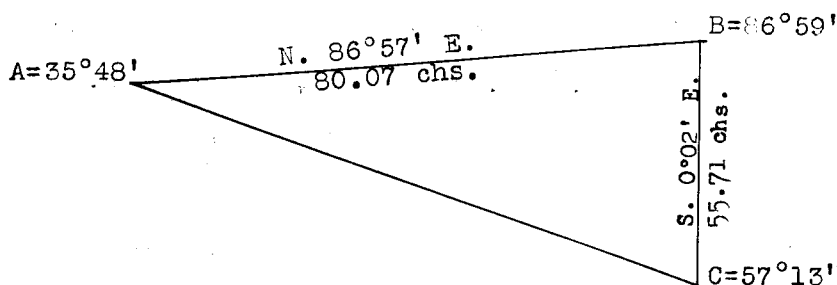
Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale and blackbrush.

No timber.

Fair grazing.

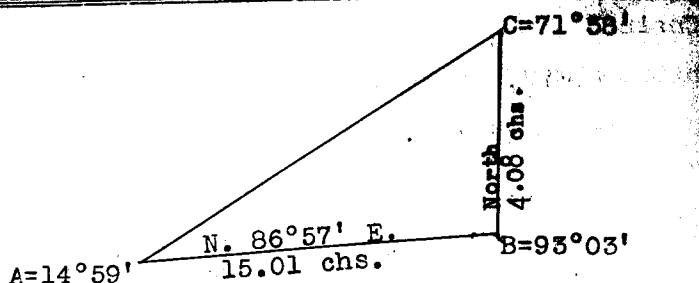
It being impossible to reach the true point for the cor. secs. 4, 5, 8 and 9, which is N. $0^{\circ}03'$ W., 4.08 chs. dist. from the witness cor. to said secs., I commence at the witness cor., which I designate "A" and from which point, the cor. secs. 3, 4, 9 and 10, bears N. $86^{\circ}57'$ E. and which I designate "B"; and from point "A", a flag which I designate "C", left S. $0^{\circ}02'$ E., 55.71 chs. dist. from "B", subtends an angle of $35^{\circ}48'$ from point "B".



Distance by triangulation = 80.07 chs. Therefore, the course of the line from the true point for the cor. secs. 4, 5, 8 and 9, to the cor. secs. 3, 4, 9 and 10, is N. $89^{\circ}52'$ E., and the distance is 79.96 chs.

To reach the true point for the $\frac{1}{2}$ sec. cor. secs. 4 and 9, I proceed as follows. From the witness cor. secs. 4, 5, 8 and 9, I triangulate to the E. over the inaccessible W. breaks of Piute Canyon as follows. Erect flag "A" at this point and flag "B", N. $86^{\circ}57'$ E. From flag "B", measure base line "BC", North, 4.08 chs. dist., from which point, flags "AB" subtend an angle of $71^{\circ}58'$, and from flag "A" flags "BC" subtend an angle of $14^{\circ}59'$.

Chains



Distance by triangulation= 15.01 chs.; or a point at:
thence North, 3.31 chs. to true line

14.99 Point, 3.31 chs. South, of true line; thence, N. 89°52'
on true line by direct measurement over broken W. break
of Piute Canyon through scattered undergrowth.

27.60 Piute Creek, stream of muddy water, 4 lks. wide, 3 ins.
deep, in bottom of canyon, 1010 ft. below top of W. rim
of canyon, drains NE.; thence ascend abrupt W. slope of
E. breaks of canyon.

30.98 On broken W. slope of E. breaks of canyon, 120 ft. above
creek.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the
ground to bedrock and in a large mound of stone, for
 $\frac{1}{4}$ sec. cor.; with brass cap marked.

$$\frac{S4}{S9}$$

1926

Deposit a sandstone, 6 x 6 x 5 ins., at base of post,
marked with a cross (X).

Note: The distance to the $\frac{1}{4}$ sec. cor. is the mean distance
of two measurements.

Thence, by triangulation over inaccessible E. breaks of
Piute Canyon,

74.60 Approximate distance; top of E. rim of Piute Canyon,
100 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE.; thence
over broken top of Piute Mesa.

79.96 The cor. secs. 3, 4, 9 and 10.

Land, broken, with a general easterly and westerly
exposure and drainage.

Soil, shallow loose sand, clay and rock; 3rd-rate.
Undergrowth, scattered shadscale and blackbrush.

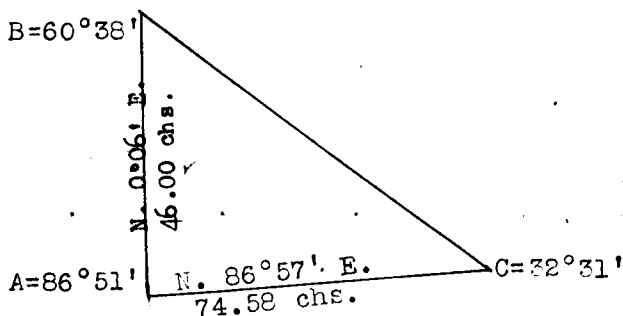
No timber. Fair grazing.

Chains

N. $0^{\circ}06'$ E., on true line bet. secs. 4 and 5 to visible signal left at the cor. secs. 4, 5, 32 and 33, on the N. bdy. of the township.

Over inaccessible W. breaks of Piute Canyon, through scattered undergrowth.

As it is impossible to reach the true point for the cor. secs. 4, 5, 8 and 9, which is N. $0^{\circ}03'$ W., 4.08 chs. dist., from the witness cor. to said secs., I commence at the witness cor., which I designate "A", and determine the distance to the N. as follows. Erect flag "B" on line to the N. From flag "A", a flag which I designate "C", left N. $86^{\circ}57'$ E., 74.58 chs. dist. from "A", subtends an angle of $86^{\circ}51'$ from "B".



Distance by triangulation=	46.00 chs.
Distance N. to true point for sec. cor.	4.08 chs.
	<hr/>
Distance by return measurement=	41.92 chs.
	1.92 chs.
	<hr/>
	40.00 chs.

40.00 On broken NW. slope, 770 ft. below the witness cor.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

$\frac{1}{4}$
 S5 | S4

1926

Deposit a sandstone, 6 x 5 x 4 ins., at base of post, marked with a cross (X).

41.92 Thence by direct measurement.

51.80 Piute Creek, stream of muddy water, 4 lks. wide, 3 ins. deep, in bottom of canyon, 250 ft. below the $\frac{1}{4}$ sec. cor., drains NW.; ascend gradually over broken W. slope.

Subdivision, T. 42 S., R. 11 E.

Chains	
79.96	<p>The mean of two measurements; intersect the cor. of secs. 4, 5, 32 and 33; 220 ft. above stream.</p> <p>Land, broken, with a general northerly exposure and drainage.</p> <p>Soil, shallow loose sand and rock; 3rd rate.</p> <p>Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.</p> <p>No timber.</p> <p>Fair grazing.</p>
	<p>From the cor. secs. 5, 6, 31 and 32, on the S. bdy. of the township, heretofore described.</p> <p>N. 0°03' W., bet. secs. 31 and 32.</p> <p>Over broken top of mesa through scattered undergrowth and timber.</p>
12.60	Top of abrupt descent over broken ledges, bears NE. and
27.00	Base of ledges, bears NE. and SW., 330 ft. below cor.; thence over rolling land.
39.50	Draw, 20 ft. deep, drains NE.
40.00	On surface rock, mark a cross (X), over which.
	Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for sec. cor., with brass cap marked.
	<p style="text-align: center;">S31 | S32 1925</p>
	<p>From which,</p> <p>A juniper, 5 ins. diam., bears N. 20°15' E., 146 lks. dist., marked BT.</p> <p>A juniper, 15 ins. diam, bears S. 11°30' W., 179 lks. dist., marked BT.</p> <p>Trees too scrubby for other marks.</p>
64.80	Same draw as last, drains NW.
80.00	<p>On surface rock, mark a cross (X), over which,</p> <p>Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for cor. secs. 29, 31 and 32, with brass cap marked.</p>

Subdivision, T. 42 S., R. 11 E.

Chains

T42S	R11E
S30	S29
S31	S32

1925

No suitable bearing trees available.

Land, broken and rolling, with a general northerly exposure and drainage.

Soil, shallow loose clay, sand and rock; 3rd rate.

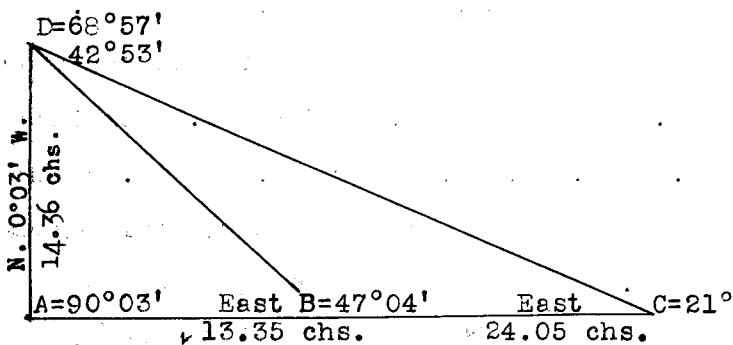
Undergrowth, scattered shadscale, blackbrush, mountain rush and yellow top.

Timber, scattered juniper and pinon.

Fair grazing.

East, on random line bet. secs. 29 and 32.

Inaccessible ledges make chaining to the E. of the cor. secs. 29, 30, 31 and 32 impracticable, I therefore triangulate as follows. Designate the sec. cor. "A" and erect flags "B" and "C" on line E. From flag "A", measure base line "AD", N. 0°03' W., 14.36 chs. dist. from which point flags "AB" subtend an angle of 42°53' and flags "AC" subtend an angle of 68°57'.



Distance by triangulation "A" to "B" = 13.35 chs.
 Distance by triangulation "B" to "C" = 24.05 chs.
 37.40 chs.

37.40 To point "C" of triangulation; thence by direct measurement.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect the N. and S. line, 5 lks. S. of the cor. secs. 28, 29, 32 and 33.

Thence,

Subdivision, T. 42 S., R. 11 E.

Chad ns	S. 89°58' W., on true line bet. secs. 29 and 32. Ascend gradually over broken NE. slope of rim rock through scattered undergrowth and timber.
16.50	Top of rim rock, 130 ft. above cor., bears N. and S.; descend gradual NW. slope of broken ledges.
40.02	In bottom of draw, 160 ft. below rim rock, drains NW. Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground to bedrock and in a large mound of stone, for $\frac{1}{2}$ sec. cor., with brass cap marked.
	<div style="text-align: right;"> S29 <hr/> S32 1925 </div>
	From which, A pinon, 18 ins. diam., bears S. 55°45' E., 65 lks. dist., marked S32 BT. A juniper, 18 ins. diam., bears N. 16°30' W., 127 lks. dist., marked S29 BT.
42.64	To point "C" of triangulation at top of abrupt descent over broken W. slope of ledge, 80 ft. above the $\frac{1}{2}$ sec. cor., bears N. and S.; thence by triangulation.
59.00	Approximate distance; small draw, drains NW.
66.69	To point "B" of triangulation on top of sandstone spur, 210 ft. below rim rock, projects N.; continue descent.
80.04	The cor. secs. 29, 30, 31 and 32, 160 ft. below spur. Land, broken, with a general northwesterly exposure and drainage. Soil, shallow loose sand and rock; 3rd rate. Undergrowth; scattered shadscale and blackbrush. Timber, scattered scrub juniper and pinon. Fair grazing.
	West, on random line bet. secs. 30 and 31.
40.00	Set temp. $\frac{1}{2}$ sec. cor.
77.90	Intersect the W. bdy. of the township, 3 lks. S. of the cor. secs. 25, 30, 31 and 36, heretofore described. Thence,

Subdivision, T. 42 S., R. 11 E.

Chains

S. 89°59' E., on true line bet. secs. 30 and 31.

Over rolling land through scattered timber and undergrowth.

3.00 Wash, 40 lks. wide, 6 ft. deep, drains NE.

37.90 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S30
 $\frac{1}{4}$
S31

1925

Deposit a sandstone, 8 x 6 x 5 ins., at base of post, marked with a cross (X). No other accessories available.

42.50 Wash, 40 lks. wide, 10 ft. deep, drains N.; ascend gradual NW. slope.

60.57 Small seep of good water, bears North, 1.37 chs. dist.; thence ascend abrupt NW. slope of butte.

64.20 The N. point of high sandstone butte, bears South, 1.00 chs. dist.

65.30 Top of ascent, 130 ft. above base of ascent, bears N. and S.; thence over rolling land.

76.00 Draw, 40 ft. deep, drains NE.

77.90 The cor. secs. 29, 30, 31 and 32.

Land, rolling, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale and blackbrush.

Timber, scattered juniper and pinon.

Fair grazing.

N. 0°03' W., bet. secs. 29 and 30.

Over rolling land through scattered undergrowth and timber.

6.00 Draw, 40 ft. deep, drains NE.

40.00 On surface rock, mark a cross (X), over which:

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Chains

$\frac{1}{2}$
 S30 | S29
 1925

From which,

A juniper, 6 ins. diam., bears N. $14^{\circ}45'$ E., 92 lks. dist., marked BT. Tree too scrubby for other marks.
 A juniper, 5 ins. diam., bears N. 45° W., 92 lks. dist., marked $\frac{1}{2}$ S30 BT.

80.00 On surface rock, mark a cross (X), over which:
 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for cor. secs. 19, 20, 29 and 30, with brass cap marked.

T42S | R11E
 S19 | S20
 S30 | S29
 1925

No suitable bearing trees available.

Land, rolling, with a general northeasterly exposure and drainage.

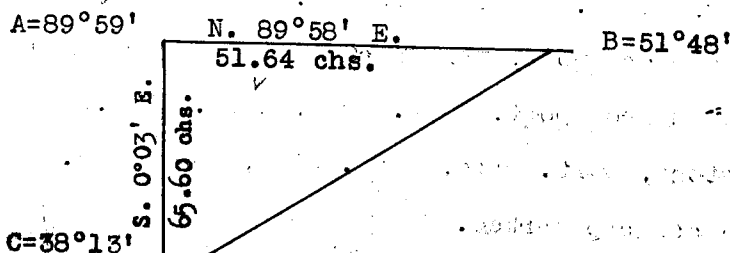
Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shedscale, blackbrush, mountain rush and yellow top.

Timber, scattered juniper and pinon.

Fair grazing.

N. $89^{\circ}58'$ E., on random line bet. secs. 20 and 29.
 Inaccessible ledges make chaining to the E. of cor. secs. 19, 20, 29 and 30 impracticable, I therefore triangulate as follows. Designate the sec. cor. "A" and erect flag "B" on line to the E. From "A", measure base line "AC", S. $0^{\circ}03'$ E., 65.60 chs. dist., from which point, flags "AB" subtend an angle of $38^{\circ}13'$.



Subdivision, T. 42 S., R. 11 E.

Chains

Distance by triangulation=
Distance by return measurement=

51.64 chs.
11.64 chs.
40.00 chs.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

51.64 To point "B" of triangulation; thence, on traverse line
along base of buttes as follows.

South, 2.50 chs.

N. 71° E., 15.70 chs.

S. 79° E., 13.70 chs. to:

79.93 Intersect the N. and S. line, 4 lks. S. of the cor. secs.
20, 21, 28 and 29.

The bearing of this line therefore is, S. $89^{\circ}56'$ W., and
the distance is 79.93 chs.

Thence,

From the cor. of secs. 20, 21, 28 and 29, traverse along
the base of N. end of inaccessible breaks of butte as
follows. True line passes over top of butte, through
scattered undergrowth and timber.

N. 79° W., 13.70 chs. to N. point of butte.

S. 71° W., 15.70 chs.

North, 2.48 chs. to:

28.29 Point on true line and point "B" of triangulation at top
of high elongated sandstone butte, bears N. and S.;
thence by direct measurement on true line; descend
abrupt W. slope of butte.

38.88 At base of perpendicular ledge, bears N. and S.

Set an iron post, 3 ft. long, 1 in. diam., 7 ins. in the
ground to bedrock and in a large mound of stone, for
witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked.

WC $\frac{1}{4}$ $\frac{S20}{S29}$

1925

From which,

A juniper, 6 ins. diam., bears N. $87^{\circ}45'$ E., 67 lks.
dist., marked WC $\frac{1}{4}$ S20 BT.

A juniper, 6 ins. diam., bears S. $32^{\circ}45'$ E., 67 lks.
dist., marked BT. Tree too scrubby for other marks.

Chains

39.985 True point for the 1/2 sec. cor. falls on steep face of ledge where it is impracticable to set cor.

40.00 Top of elongated sandstone butte, 100 ft. high, bears N. and S.; thence by triangulation over inaccessible ledge giving approximate distances to topography.

55.00 Right rim of deep gulch, bears NW. and SE.

61.00 Bottom of gulch, 60 ft. deep, drains NW.

66.00 Left rim of gulch, bears NW. and SE.

79.93 The cor. secs. 19, 20, 29 and 30.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale and blackbrush.

Timber, scattered juniper and pinon.

Poor grazing.

N. 89°59' W., on random line bet. secs. 19 and 30.

40.00 Set temp. 1/2 sec. cor.

77.85 Intersect the E. bdy. of the township, 11 lks. N. of the cor. secs. 19, 24, 25 and 30, heretofore described.

Thence,

N. 89°56' E., on true line bet. secs. 19 and 30.

Descend gradually over broken E. slope of ledges through scattered undergrowth and timber.

11.00 Base of ledges, bears N. and S.; thence over rolling land.

77.8 On rolling land, 100 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for 1/2 sec. cor., with brass cap marked.

119

530

1925

Deposit a sandstone, 11x10x9 ins., at base of post, marked with a cross (X).

No other suitable accessories available.

Chains

40.20 Wash, 20 lks. wide, 4 ft. deep, drains NW.

55.00 Draw, 40 ft. deep, drains NW..

76.70 The S. point of high sandstone butte.

77.85 The cor. secs. 19, 20, 29 and 30.

Land, rolling and broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shedscale, blackbrush, mountain rush and yellow top.

Timber, scattered juniper and pinon.

Fair grazing.

N. 0°03' W., bet. secs. 19 and 20.

Over broken land through scattered undergrowth and timber.

The line to the N. of this cor., passes over the inaccessible NE. point of high sandstone butte. To pass butte, I traverse as follows.

N. 13°45' E., 5.70 chs.

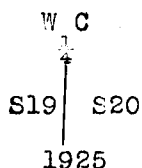
N. 13°45' W., 5.75 chs. to:

11.13 Point on true line; thence on true line.

29.10 Top of SE. breaks of gulch, bears NE. and SW.; descend abrupt NW. slope.

39.85 On right side of bottom of gulch, 140 ft. below top of SE. breaks.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked.



Deposit a sandstone, 9 x 5 x 3 ins., at base of post, marked with a cross (X).

No other suitable accessories available..

40.00. True point for the $\frac{1}{4}$ sec. cor.. falls in bottom of gulch, drains NE.; ascend broken NW. breaks of gulch.

Subdivision, T. 42 S., R. 11 E.

Chains

- 45.00 Top of NW. breaks of gulch, 180 ft. above the $\frac{1}{4}$ sec. cor. bears NE. and SW.; thence over broken top of mesa.
- 80.00 On surface rock, mark a cross (X), over which.
- Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for cor. secs. 17, 18 19 and 20, with brass cap marked.

T42S	R11E
S18	S17
S19	S20

1925

No suitable bearing trees available.

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

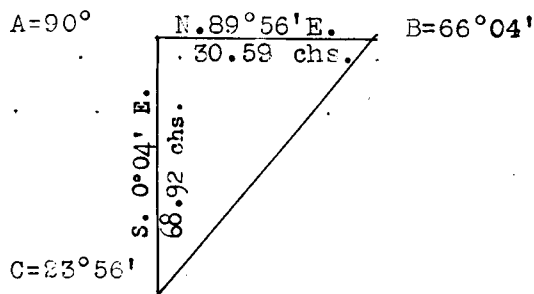
Undergrowth, scattered shadscale and blackbrush.

Timber, scattered juniper and pinon.

Fair grazing.

N. $89^{\circ}56'$ E., on random line bet. secs. 17 and 20.

The breaks of a deep gulch make chaining to the E. of this cor. impracticable, I therefore triangulate as follows. Erect flag "A" at the sec. cor. and flag "B" on line to the E. from flag "A", measure base line S. $0^{\circ}04'$ E., 68.92 chs. dist., from which point, flags "AB" subtend an angle of $23^{\circ}56'$.



Distance by triangulation= 30.59 chs.

- 30.59 To point "B" of triangulation; thence by direct measurement.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 80.06 Intersect the N. and S. line, 9 lks. N. of the cor. secs. 16, 17, 20 and 21.

Subdivision, T. 42 S., R. 11 E.

Chains

Thence,

West, on true line bet. secs. 17 and 20.

Ascend gradually over broken top of mesa through scattered undergrowth and timber.

11.50 Top of N. end of sandstone butte, 150 ft. high; descend abrupt NW. slope of butte.

17.80 Base of descent from butte, bears NE. and SW., 150 ft. below top; thence over broken top of mesa.

40.03 On surface rock, mark a cross (X), over which:
Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for $\frac{1}{2}$ sec. cor., with brass cap marked.

S17
 $\frac{1}{2}$ —————
S20
1925

No suitable bearing trees available.

49.47 To point " " of triangulation at top of E. breaks of deep gulch, bears NW. and SE.; thence by triangulation over inaccessible ledges, giving approximate distances to topography.

62.00 Bottom of gulch, 200 ft. below top of E. breaks, drains NW.; ascend abrupt inaccessible W. breaks of gulch.

75.00 Top of W. breaks of gulch, 200 ft. above bottom, bears NW. and SE.; thence over broken top of mesa.

80.06 The cor. secs. 17, 18, 19 and 20.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale and blackbrush.

Timber, scattered juniper and pinon.

Fair grazing.

S. $89^{\circ}56'$ W., on random line bet. secs. 18 and 19.

14.28 Erect flag for triangulation.

36.63 Set temp. witness cor. to the $\frac{1}{2}$ sec. cor.

The line to the W. of this point, passes over inaccessible

Subdivision, T. 42 S., R. 11 E.

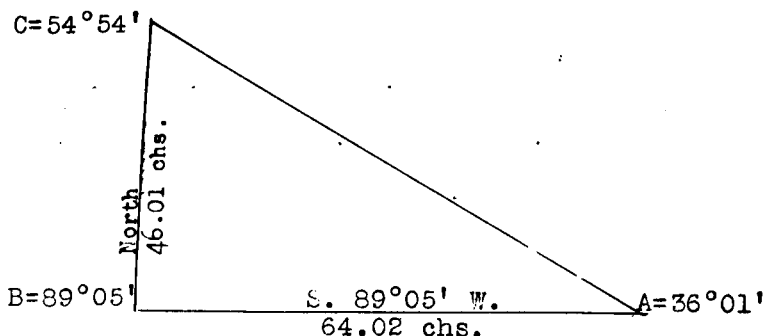
Chains

breaks of gulch, I therefore triangulate as follows.

Return to 14.28 chs. point which I designate "A".

From "A" the witness cor. to the cor. secs. 13, 18, 19 and 24, on the W. bdy. of the township, which is South, and W. 47 lks.

107 lks./dist. from the true point for cor., and which I designate "B", bears S. $89^{\circ}05'$ W., and a flag which I designate "C", left North, 46.01 chs. dist. from the witness cor., subtends an angle of $36^{\circ}01'$ from "B".



Distance by triangulation=64.02 chs.

The course of the line from the true point for the cor. secs. 13, 18, 19 and 24, and the cor. secs. 17, 18, 19 and 20, therefore is, N. $89^{\circ}59'$ E., and the distance is 77.82 chs.

Thence,

From the true point for cor. secs. 13, 18, 19 and 24.

S. $89^{\circ}59'$ E., on true line bet. secs. 18 and 19, by triangulation over inaccessible N. breaks of gulch, through scattered timber and undergrowth, giving approximate distances to topography.

33.80 Bottom of gulch, 200 ft. below true point for cor., drains NE.; ascend abruptly over inaccessible SE. breaks of gulch.

37.82 True point for the $\frac{1}{4}$ sec. cor. falls in inaccessible ledges.

41.19 At top of SE. breaks of gulch, 200 ft. above bottom, bears NE, and SW.; on surface rock, mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked.

Subdivision, T. 42 S., R. 11 E.

Chains

WC $\frac{1}{4}$ $\frac{S18}{S19}$

1925

No suitable bearing trees available.

Thence, by direct measurement; ascend gradual W. slope.

63.54 To point "A" of triangulation at top of ascent, 150 ft. above the witness cor. to the $\frac{1}{4}$ sec. cor., bears N. and S.; descend abrupt NE. slope.

67.30 Base of abrupt descent, bears NE. and SW.; thence descend gradually.

77.82 The cor. of secs. 17, 18, 19 and 20, 130 ft. below top of descent.

Land, broken, with a general northeasterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered blackbrush and shadscale.

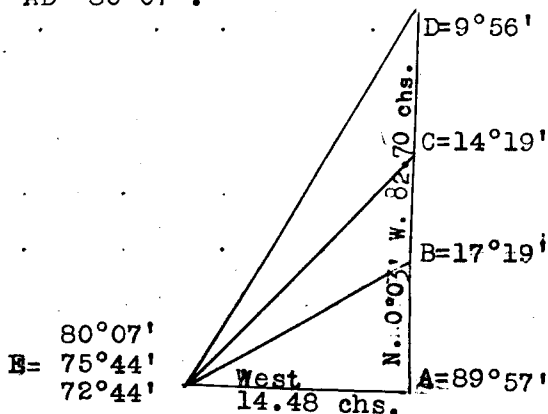
Timber, scattered juniper and pinon.

Fair grazing.

N. $0^{\circ}03'$ W., bet. secs. 17 and 18.

Over broken top of mesa through scattered undergrowth and timber.

8.00 Top of left breaks of gulch, bears NW. and SE, over which I am unable to chain, I therefore triangulate as follows. Return to the sec. cor. and erect flag "A". Erect flags "B", "C" and "D" on line to the N. From flag "A", measure base line "AE", West, 14.48 chs. dist., from which point flags "AB" subtend an angle of $72^{\circ}44'$, "AC", $75^{\circ}44'$ and "AD" $80^{\circ}07'$.



Subdivision, T. 42 S., R. 11 E.

Chains

Distance by triangulation "A" to "B" = 46.46 chs.
 Distance by return measurement = 2.20 chs.
44.26 chs.

Distance by triangulation "A" to "C" = 56.75 chs.

Distance by triangulation "A" to "D" = 82.70 chs.
 Distance by return measurement = 2.70 chs.
80.00 chs.

Thence by triangulation from the 8.00 chs. point; descend abrupt NE. slope over inaccessible ledges.

37.00 Approximate distance; bottom of gulch, 200 ft. deep, drains NW.; ascend abrupt inaccessible N. breaks of gulch.

40.00 True point for the 1 sec. cor. falls on inaccessible face of ledge.

44.26 At top of N. breaks of gulch, 200 ft. above bottom, bears NW. and SE.; on surface rock, mark a cross (X), over which.

Set an iron post, 7 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 7 ft. high, for witness cor. to the sec. cor., with brass cap marked.

S18 | S17
 W | C

1925

No suitable bearing trees available.

Thence by direct measurement.

46.46 To point "B" of triangulation at base of inaccessible ledges, bears NW. and SE.; thence by triangulation.

56.75 To point "C" of triangulation at top of ledges, bears NW. and SE., 220 ft. above base; continue by triangulation ascend inaccessible NW. slope.

80.00 Point "D" 82.70 chs. dist. of point "D" of triangulation; on surface rock, 180 ft. below top of ledges; mark a cross (X), over which.

Set an iron post, 7 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 7 ft. high, for cor. secs. 7, 8, 17 and 18, with brass cap marked.

Chains

T42S	R11E
S7	S8
S18	S17

1925

No suitable bearing trees available.

Land, broken, with a general northwesterly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

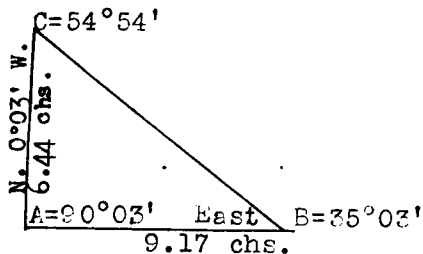
Undergrowth, scattered shadscale and blackbrush.

Timber, scattered juniper and pinon.

Fair grazing.

East, on random line bet. secs. 8 and 17.

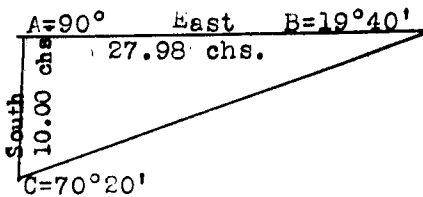
- 6.00 Base of abrupt ascent over inaccessible ledges, I therefore triangulate as follows. Return to the cor. secs. 7, 8, 17 and 18 and erect flag "A". Erect flag "B" on line to the E. From flag "A", measure base line "AC", N. $0^{\circ}03'$ W., 6.44 chs., from which point, flags "AB" subtend an angle of $54^{\circ}54'$.



Distance by triangulation = 9.17 chs.

- 9.17 To point "B" of triangulation; thence by direct measurement.
- 40.00 Set temp. 1 sec. cor.
- 50.72 Inaccessible ledges make chaining impracticable, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line E. From flag "A", measure base line, "AC", South, 10.00 chs. dist., from which point, flags "AB" subtend an angle of $70^{\circ}20'$.

Chains



Distance by triangulation=
Distance on line=

27.98 chs.
50.72 chs.
78.70 chs.

78.70 To point "B" of triangulation at the witness cor. to the cor. secs. 8, 9, 16 and 17, which is West, 1.40 chs. dist. from the true point for cor. said secs.

Thence,

from the witness cor. to the cor. secs. 8, 9, 16 and 17, West, on true line, bet. secs. 8 and 17, counting distance from the true cor. point.

By triangulation over inaccessible W. breaks of Piute Canyon, through scattered undergrowth and timber.

1.40 To point "B" of triangulation and the witness cor. to the cor. secs. 8, 9, 16 and 17, at top of W. breaks of canyon, bears N. and S., 120 ft. above the true cor. point. Continue by triangulation over inaccessible broken ledges.

29.38 To point "A" of triangulation at top of ledges, 400 ft. above witness cor., bears N. and S.; thence by direct measurement; ascend gradual E. slope.

37.80 Top of ascent, 60 ft. above top of ledges, bears N. and S.; descend gradual W. slope.

40.05 On surface rock, 30 ft. below top of ascent; mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for 1 sec. cor., with brass cap marked.

S8
—
S17

1925

No suitable bearing trees available.

70.93 To point "B" of triangulation at top of steep W. slope of inaccessible surface rock; bears N. and S.; thence

by triangulation.

25.10 Base of surface rock, bears N. and S.; thence by direct measurement.

25.10 Center of small lake in the surface rock, 2 chains wide E. and W., and 5.00 chs. long, N. and S.

20.10 The cor. secs. 7, 8, 17 and 18 and point "A" of triangulation; 220 ft. below the 1/2 sec. cor.

Land, broken, with a general easterly and westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

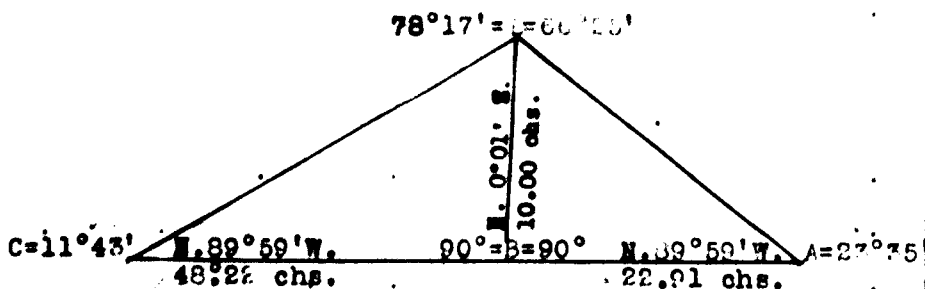
Undergrowth, scattered shadscale and blackbrush.

Timber, scattered juniper and pinon.

Fair grazing.

N. 89°59' W., on random line bet. secs. 7 and 18.

3.79 The breaks of deep gulch make chaining to the west of this point impossible, I therefore triangulate as follows. Erect flag "A" at this point and flags "B" and "C" on line to the W. from flag "B", measure base line "BC", N. 0°01' W., 10.00 chs. dist., from which point, flags "A" subtend an angle of 66°25' and flags "C" subtend an angle of 78°17'.



Distance on line =	3.39 chs.
Distance by triangulation "A" to "B" =	22.91 chs.
	<u>26.30 chs.</u>
Distance by triangulation "B" to "C" =	48.22 chs.
	<u>74.52 chs.</u>

25.30 To point "B" of triangulation; thence by direct measurement.

25.72 Set temp. witness cor. to the 1/2 sec. cor.; thence by

triangulation.

Chains

- 74.52 To point "C" of triangulation; thence by direct measurement.
- 76.75 Base of inaccessible ledges, I therefore traverse along base of ledges as follows.
- S. 21° W., 1.64 chs.
- S. 12° W., 2.10 chs. to:
- 77.77 Point 16 lks. N. of the witness cor. to the cor. secs. 7, 12, 13 and 18, which is South, 3.58 chs. dist. from the true point for cor.
- The bearing of the line from the cor. secs. 7, 8, 17 and 18, to the true point for the cor. secs. 7, 12, 13 and 18, therefore is S. $89^{\circ}54'$ W., and the distance is 77.77 chs.
- Thence,
- As it is impossible to reach the true point for the cor. secs. 7, 12, 13 and 18, I commence at the witness cor. to said secs. and run on traverse line as follows, along base of inaccessible ledge through scattered undergrowth and timber.
- N. 12° E., 2.10 chs.
- N. 21° E., 1.64 chs. to:
- 1.02 Point on true line; thence N. $89^{\circ}54'$ E., on true line.
- 3.25 To point "C" of triangulation at top of inaccessible ledges; thence by triangulation over broken SE. slope of ledges, giving approximate distances to topography.
- 22.80 Base of ledges, bears NE. and SW.; continue descent.
- 27.80 Top of left rim of deep gulch, bears N. and S.
- 37.77 True point for the 1 sec. cor. falls in inaccessible W. breaks of gulch.
- 40.80 Bottom of gulch, 320 ft. below true point for sec. cor., drains N. stream of water called Deep Creek, 20 lks. wide, 3 ins. deep, in bottom of gulch; ascend broken E. breaks of gulch.
- 44.05 On broken W. slope of surface rock, at top of E. breaks of gulch, bears N. and S.; mark a cross (X), over which

Chains

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor. to the $\frac{1}{4}$ sec. cor., with brass cap marked.

$$\begin{array}{r} S7 \\ WC\frac{1}{4} \overline{\hspace{1cm}} \\ S18 \end{array}$$

1925

No suitable bearing trees available.

Thence, by direct measurement; ascend broken ledges.

51.47 To point "B" of triangulation at top of S.W. point of ledges, 430 ft. above bottom of gulch; thence descend by triangulation over inaccessible breaks, giving approximate distances to topography.

58.80 Draw, 80 ft. below point of ledges, drains S.W.; ascend broken N. slope of inaccessible ledges.

65.00 Base of high ledge, bears N. and S.

74.38 To point "A" of triangulation at top of ledges, bears N. and S.; 120 ft. above point "B" of triangulation; thence by direct measurement.

77.77 The cor. secs. 7, 8, 17 and 18.

Sand, broken with a general westerly and easterly exposure and drainage.

Soil, shallow loose sand and rock; 2nd rate.

Undergrowth, scattered medic le and blackbrush.

Timber, scattered juniper and pinon.

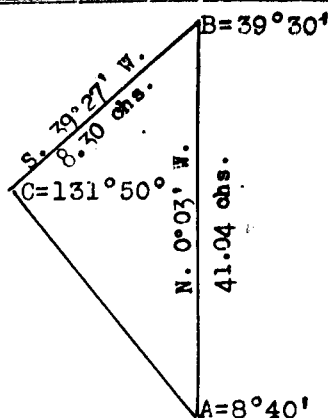
Fair grazing.

N. $0^{\circ}03'$ W., bet. secs. 7 and 8.

Over broken top of mesa through scattered undergrowth.

7.40 Top of S. break of small gulch, bears N. and W. over which I am unable to chain, I therefore triangulate as follows. Erect flag "A" at this point and flag "B" on line to the N. From flag "B", measure base line "BC", S. $39^{\circ}27'$ W., 8.30 chs. dist., from which point flags "AB" subtend an angle of $131^{\circ}50'$.

Chains



Distance on line = 7.40 chs.
 Distance by triangulation = 41.04 chs.
 Distance by return measurement = 48.44 chs.
 5.28 chs.
 43.16 chs.

Approximate distances to topography on triangulation.

- 11.00 Gulch near head, 150 ft. below cor., drains W.; ascend inaccessible N. breaks of gulch.
- 17.00 Top of N. rim of gulch, 150 ft. above bottom, bears W. and SE.; thence along broken W. slope of ledges.
- 40.00 True point for the 1 sec. cor. falls on steep W. slope of surface rock where it is impracticable to set cor.
- 43.16 On surface rock, mark a cross (X), over which.
 Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for witness cor. to the 1 sec. cor., with brass cap marked.
- S7 | S8
 W | C
 1925
- Thence by direct measurement.
- 48.44 To point "B" of triangulation at top of ascent, 120 ft. above N. rim of gulch, bears NE. and SW.; thence by direct measurement; descend broken NW. slope of ledges.
- 75.00 Base of ledges, 250 ft. below top of ascent, bears NE. and SW.; thence over broken land.
- 80.00 On surface rock, mark a cross (X), over which.
 Set an iron post, 3 ft. long, 2 ins. diam., in a mound of stone, 5 ft. base, 3 ft. high, for cor. secs. 5, 6, 7 and 8, with brass cap marked.

Chains

T42S	R11E
S6	S5
S7	S8

1925

Land, broken, with a general westerly exposure and drainage .
Soil, shallow loose sand and rock; 3rd rate.
Undergrowth, scattered shadscale and blackbrush.
No timber.
Fair grazing.

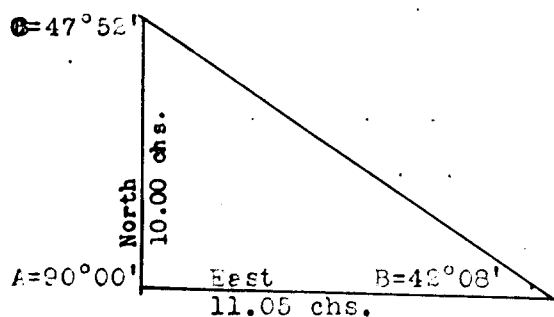
East, on random line bet. secs. 5 and 8.

Triangulate to top of high inaccessible ledge as follows.

Erect flag "A" at the sec. cor. and flag "B" on line E.

From flag "A", measure base line "AC", North, 10.00 chs.

dist., from which point, flags "AB" subtend an angle of $47^{\circ}52'$



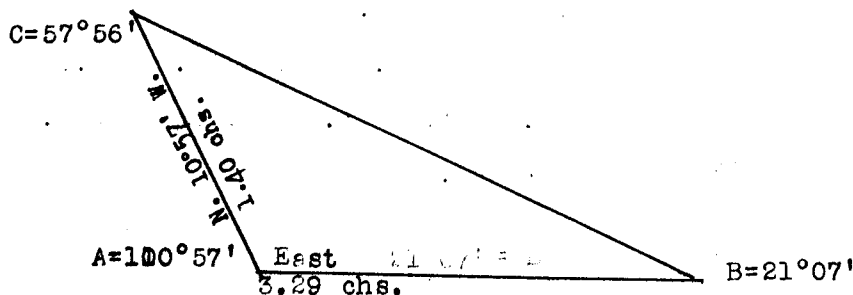
Distance by triangulation= 11.05 chs.

11.05 To point "B" of triangulation.

40.00 Set temp. sec. cor.

74.80 Offset South, 67 lks. From this point, on offset line,

I triangulate to base of nearly perpendicular ledges as follows. Erect flag "A" at this point and flag "B" E. at base of ledge. From flag "A", measure base line "AC", N. $10^{\circ}57'$ W., 1.40 chs. dist., from which point, flags "AB" subtend an angle of $57^{\circ}56'$.



Chains

Distance on offset line= 74.80 chs.
 Distance by triangulation= ~~73.29 chs.~~
 78.09 chs.

78.09 To point "B" of triangulation at a point 63 lks. S. of line. Thence from this point by traverse along top of W. rim of Piute Canyon.

S. $30^{\circ}30'$ E., 4.00 chs. to:

80.12 Intersect the N. and S. line, 7 lks. S. of the witness cor. to the cor. secs. 4, 5, 8 and 9, which is S. $0^{\circ}03'$ E., 4.08 chs. from the true cor. point.

The bearing of the line from the true point for the cor. secs. 4, 5, 8 and 9, to the cor. secs. 5, 6, 7 and 8, therefore is S. $89^{\circ}57'$ W., and the distance is 80.12 chs.

As it is impossible to reach the true point for the cor. of secs. 4, 5, 8 and 9, I commence at the witness cor. to said secs. and run on traverse line along top of W. rim of Piute Canyon as follows.

N. $30^{\circ}30'$ W., 4.00 chs. to:

2.03 Point 53 lks. S. of true line at base of nearly perpendicular ledge and to point "B" of triangulation, bears N. and S.; thence by triangulation.

5.32 To point "A" of triangulation at top of ledge, 360 ft. above base, bears N. and S. Thence,

North, 53 lks. to: Point on true line; thence:

S. $89^{\circ}57'$ W., on true line; ascend gradual E. slope through scattered undergrowth.

10.00 Enter broken surface rock, bears N. and S.

26.40 Top of ascent, 100 ft. above top of ledge, bears N. and S.; descend gradual W. slope over surface rock;

40.06 On surface rock, 140 ft. below top of ascent; mark a cross (X), over which.

Set an iron post, 3 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 3 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked.

Subdivision, T. 42 S., R. 11 E.

Chains

$\frac{1}{2}$ $\frac{S5}{S8}$

1925

69.07 To point "B" of triangulation at top of abrupt descent over broken ledges, bears NE. and SW.; thence by triangulation.

80.12 The cor. secs. 5, 6, 7 and 8, 320 ft. below the $\frac{1}{2}$ sec. cor.

Land, broken, with a general easterly and westerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale and blackbrush.

No timber.

Fair grazing.

S. $89^{\circ}54'$ W., on random line bet. secs. 6 and 7.

High inaccessible sandstone buttes on line to the west, make chaining on line impracticable, I therefore traverse along E. base of buttes as follows.

S. 80° W., 21.45 chs. to point on E. end of butte.

S. $64^{\circ}30'$ W., 12.70 chs.

N. 64° W., 11.00 chs.

North, 6.70 chs. to random line; thence

N. $89^{\circ}54'$ E., 5.87 chs. to:

41.66 Point on random line; set temp. witness cor. to the $\frac{1}{2}$ sec. cor.

Return to the 47.53 chs. point and continue on traverse line as follows.

S. $89^{\circ}15'$ W., 15.25 chs.

North, 18 lks. to:

63.38 Point on random line; thence S. $89^{\circ}54'$ W., on random line

77.59 Intersect the cor. on the W. bdy. of the township for secs. 1, 6, 7 and 12, heretofore described.

The course of this line therefore is N. $89^{\circ}54'$ E., and the distance is 77.59 chs.

Thence,

Subdivision, T. 42 S., R. 11 E.

Chains

N. 89°54' E., on true line bet. secs. 6 and 7.
Over broken land through scattered undergrowth.

14.21 To point of traverse.

The high inaccessible S. point of sandstone butte makes chaining to the E. of this point on line impracticable. I therefore traverse along S. base of butte as follows. South, 18 lks.

N. 89°15' E., 15.85 chs. to:

30.06 Point on true line; thence on true line.

35.93 At base of inaccessible butte on line to the E., bears N. and S., 200 ft. high; on surface rock, mark a cross (X), over which.

Set an iron post, 7 ft. long, 1 in. diam., in a mound of stone, 5 ft. base, 7 ft. high, for witness cor. to the 1/2 sec. cor., with cross cap marked.

$$\begin{array}{r} 56 \\ 1 \overline{) 57} \end{array} \quad \text{WC}$$

1925

37.59 The true point for the 1/2 sec. cor. falls on inaccessible W. face of butte.

To pass butte, I return to the 30.06 chs. point and traverse along S. base of butte as follows. South, 6.70 chs.

S. 64° E. 11.00 chs. to S. point of high ledge.

N. 64°30' E., 18.30 chs. to S. point of butte.

N. 80° E., 21.45 chs. to:

77.59 The cor. secs. 5, 6, 7 and 8.

Land, broken, with a general southerly exposure and drainage.

Soil, shallow loose sand and rock; 3rd rate.

Undergrowth, scattered shadscale and blackbrush.

No timber.

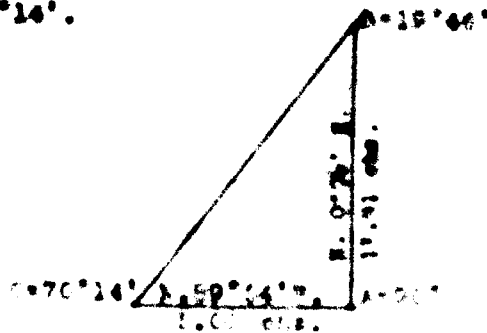
Fair grazing.

Subdivision, T. 42 S., R. 21 E.

N. 9°05' E., on random line bet. sec. 5 and 6.

40.00 Set temp. & sec. cor.

40.00 Triangulate over high sandstone ridge as follows. erect flag "A" at this point and flag "B" on line to the N. from flag "A", measure base line "AB", i. 50°14' N., 5.00 chs. dist., from which point, flag "B" extend and angle of 70°14'.



Distance on line
Distance by triangulation

60.00
17.91
77.91

67.96 To point "B" of triangulation.

80.00 Intersect the N. bdy. of the township, i. sec. 5, 6, 7, and 8, heretofore described.

Thence,

S. 0°11' N., on true line et. sec. 5 and 6.

Ascend abruptly over broken N. slope of sandstone ridge, through scattered undergrowth.

17.17 To point "C" of triangulation at top of sandstone ridge, 300 ft. above sec. cor., bears 1. and 2., thence by triangulation over inaccessible N. break of ridge.

21.08 To point "A" of triangulation at base of ridge, 50 ft. below top; bears 1. and 2.; thence by direct measurement over broken N. slope.

40.00 On broken N. slope, 50 ft. below base of ridge.

Set an iron post, 4 ft. long, 1 in. diam., 6 in. in the ground to bedrock and in a large mound of stone, for 1 sec. cor., with brass cap marked.

1913

Deposit a sandstone, 9 x 6 x 5 ins., at base of post, marked with a cross (X).

Subdivision, T. 42 S., R. 11 E.

Chains	
52.00	Draw, 60 ft. below the 1 sec. cor., drains W.; ascend gradual N. slope.
80.09	The cor. secs. 5, 6, 7 and 8, 100 ft. above draw.
	Land, broken, with a general southerly and northwesterly exposure and drainage.
	Soil, shallow loose sand and rock; 3rd rate.
	Undergrowth, scattered shadscale and blackbrush.
	No timber.
	Fair grazing.

Latitudes, Departures, and
Closing Errors, T. 42 S., R. 11 E.

Lines designated	True bearings	Dist- ances. Chs.	Latitudes.		Departures.	
			N. Chs.	S. Chs.	E. Chs.	W. Chs.
W. Bdy. T42S R11E	South	480.16	.....	480.16	.....	.....
S. Bdy. T42S R11E	East	477.95	.....	.....	477.95	.....
E. Bdy. T42S R11E	North	480.03	480.03	.....	.....	.....
N. Bdy. T42S R11E	West	477.82	.....	.....	.....	477.82
Convergence			.....	.....	.....	.55
			480.03	480.16	477.95	478.37
				480.03		477.95
Error in latitude and departure				0.13		0.42

General Description, T. 42 S., R. 11 E.

The land within the boundaries of this township, is exceedingly rough and broken and has a general northwesterly exposure and drainage. The east portion of the township, consists of the broken top of Piute Mesa, while the west portion consists of the broken top of a high mesa which is broken by deep gulches and high sandstone buttes.

Piute Creek, a stream of good water, 8 lks. wide, 4 ins. deep, enters the township on the S. bdy. of sec. 34, and flows in a northerly direction through the township, leaving it on the N. bdy. of sec. 5. This stream flows through a deep canyon called Piute Canyon, which has

General Description, T. 42 S., R. 11 E.

high inaccessible east and west breaks.

A small stream of good water heads in the northwest quarter of sec. 16, and flows in a northeasterly direction, and empties into Piute Creek in the northeast quarter of sec. 9.

Deep Creek, which is a stream of good water, 5 lks. wide, 3 ins. deep, heads in the northeast quarter of sec. 18, and flows in a northwesterly direction through a deep gulch, and leaves the township on the west boundary of sec. 7.

Several water pockets and small seeps of good water were found throughout the township.

The soil consists of a shallow loose sand and clay, mixed with loose rock and may be classified as 3rd rate.

The only timber is a scattered growth of scrub juniper and pinon which is found on tops of the mesas.

A scattered undergrowth of shadscale, blackbrush, mountain rush, yellow top of native grass, was found throughout the township, which affords fair grazing for stock.

The only improvements found on the township at the time of the survey, were about three acres of cultivated land inclosed with a fence, located in the southeast quarter of sec. 23. This tract of land was being farmed by the Indians and corn and garden vegetables were being raised.

No other portions of the township are suitable for farming purposes.

The township in general is suitable for a grazing range, and is being used by Navajo Indians for this purpose.

No settlers were living on the township at the time of the survey.

No indications of mineral coal, or oil were found on the township.

The magnetic declination was not taken on account of a defective needle.

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NAMES.

CAPACITY.

1st Chairman

2nd Chairman

Flagman

Cornerman

CERTIFICATE OF UNITED STATES SURVEYOR.

I, Chas. F. Moore, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the U. S. Surveyor General for Utah bearing date of the 25th day of September, 19 23 I have well, faithfully, and in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of north, west, and south boundaries, and subdivision of, T. 42 S., R. 11 E.

of the Salt Lake Base Meridian, in the State of Utah, which are represented and date diagram on dates shown on said diagram the foregoing field notes as having been executed by me, and under my direction; and that all the corners said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the U. S. Surveyor General for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey.

Certified to at:

Place: Washatch

Date: Oct 30 - 1924

Chas. F. Moore

U. S. Surveyor

APPROVAL.

Supervisor of Surveys,
OFFICE OF THE UNITED STATES

November 28

The foregoing field notes of the survey of north, west and south boundaries, and subdivision of T. 42 S., R. 11 E., S. L. B. & M.,

executed by Chas. F. Moore, U. S. Surveyor,

under his special instructions dated September 25, 19 23, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

Walter H. Johnson

U. S. Supervisor of Surveys.

I certify that the foregoing transcript of the field notes of the above described surveys in

has been correctly copied from the original notes on file in this office.



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4-679

RECEIVED

MAY 20 1926

District Cadastral Engineer,
Salt Lake City, Utah

BOOK A-487

FIELD NOTES

OF THE ~~SURVEY OF THE~~

RETRACEMENT OF UTAH-ARIZONA BOUNDARY LINE

FROM 183 mile to 189 mile

AND THE SURVEY OF

WEST BOUNDARY AND SUBDIVISION OF

T. 43 S., R. 11 E.,

Of the Salt Lake Base and Meridian,

the State of Utah

EXECUTED BY

Chas F. Moore and Eddie S. C. Smith

and U.S. Transitlemen

the capacity of U. S. Surveyor, under instructions dated Sept. 25, 1923,

issued by the United States Surveyor General to govern surveys included in

Group No. 155, which were approved by the Commissioner of the General Land

Office, October 12, 1923. Supplemental assignment instructions
dated September 14, 1925.

Survey commenced October 25, 1925, 1925

Survey completed February 15, 1926, 1926

5000 487

INDEX DIAGRAM.

Township 43 South, Range 11 East

15	6	79	5	66	4	52	3	38	2	24	1
	81		80		67		53		39		26
17	7	82	8	68	9	54	10	40	11	27	12
	84		82		70		56		42		28
19	18	85	17	71	16	57	15	43	14	29	13
	88		86		72		58		44		31
20	19	89	20	74	21	59	22	45	23	32	24
	92		91		75		60		47		33
21	30	93	29	76	28	62	27	48	26	34	25
	96		95		77		63		50		36
23	31	98	32	78	33	65	34	51	35	37	38

6410 7411 8412 9413 10414 11415
Utah-Arizona State Boundary Line.

6	5	4	3	2	1
12-3-25	11-6-25	11-11-25	10-28-25	11-10-25	11-10-25
7	8	9	10	11	12
12-4-25	12-4-25	12-4-25	11-14-25	11-11-25	11-12-25
18	17	16	15	14	13
12-8-25	12-8-25	12-8-25	11-15-25	11-17-25	11-12-25
19	20	21	22	23	24
12-9-25	12-9-25	12-14-25	12-14-25	2-5-26	11-18-25
30	29	28	27	26	25
12-10-25	12-11-25	2-10-26	2-8-26	2-7-26	2-6-26
31	32	33	34	35	36
12-13-25	12-12-25	2-11-26	2-12-26	2-13-26	2-14-26
	12-13-25		2-15-26	2-15-26	

Lines colored and dated in black were surveyed by
Chas. F. Moore, U. S. Surveyor.

Lines colored and dates in red were surveyed by
Eddie S.C. Smith, U. S. Transitman.

Chains

Survey commenced October 25, 1925, and executed with Buff and Buff light mountain transit No. 9220, used by Chas. F. Moore, U. S. Surveyor, Young and Sons light mountain transit No. 8517, used by Edie S. C. Smith, U. S. Transitman.

The instruments were approved for use on this survey by the District Cadastral Engineer, for District No. 6, conditional upon satisfactory field tests, in supplemental assignment dated Sept. 14, 1925.

The instruments are equipped with Smith solar attachments and full vertical circles. The horizontal limbs are each provided with two double verniers, placed opposite to each other and reading to single minutes of arc, which is also the least count of the reading of the latitude and declination arcs and vertical circle.

Oct. 25, 1925, at camp, located in sec. 34, T. 42 S., R. 11 E., S. 1. E. and Mer., approximate latitude $37^{\circ} 05' N.$, longitude $110^{\circ} 41' W.$, I examine the adjustments of Buff and Buff transit No., 9220, and correct all errors. I then test the solar apparatus by comparing its indications hourly with the true meridian established by observations made on Polaris as follows:-

At the same station at 5h 18. a.m., l.m.t., I observe Polaris at western elongation, making four observations two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined, by a nail in a stake driven firmly in the ground about 10 chains N.

Azimuth of Polaris at western elongation = $1^{\circ} 22'$.

I lay off the azimuth of Polaris, $1^{\circ} 22'$ to the east, and mark the meridian thus determined by a nail in a stake, driven firmly in the ground, 10 chs. N.

At 9h a.m., app. t., with the instrument in the meridian

I set off $37^{\circ} 05' N.$, on the lat. arc; $12^{\circ} 03' S.$, on

Chains

on the decl. arc, and determine a meridian with the solar which I find to agree with the true meridian. At apparent noon, with the instrument in the meridian, I make a meridian observation of the sun for time and latitude, observing simultaneously, the altitude of the sun's lower limb and the transit of the sun's west limb, reversing the telescope and observing simultaneously, the altitude of the sun's upper limb and the transit of the sun's east limb.

Mean observed altitude $40^{\circ} 49'$

Reduced latitude $37^{\circ} 05'$

Mean watch time of observation 12h 05m 25s

Watch fast of local mean time 0h 21m 15s

At apparent noon, with the instrument in the meridian, and the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the declination arc is $12^{\circ} 06'S.$, which agrees with the computed declination of the sun.

At 3h 00m p.m., app. t., with the instrument in the meridian and the lat. arc unchanged, I set off $12^{\circ} 08'S.$, on the decl. arc, and determine a meridian with the solar which I find to agree with the true meridian.

Nov. 8, at the above station, I examine the adjustments of Young and Sons transit No. 3517, and correct all errors. I then test the solar apparatus by comparing its indications hourly with the true meridian established by observations made on Polaris Oct. 25, as follows:-

At 9h 00m a.m., app. t., with the instrument in the meridian, I set off $16^{\circ} 31'S.$, on the decl. arc; $37^{\circ} 05'N.$, on the lat. arc, and determine a meridian with the solar which I find to agree with the true meridian.

At apparent noon, with the instrument in the meridian, and the lat. arc unchanged, I observe the sun on the

Chains

meridian; the resulting reading of the decl. arc is $16^{\circ} 34'S.$, which agrees with the computed declination of the sun.

At 3h 00m p.m., app. t., with the instrument in the meridian and the lat. arc unchanged, I set off $16^{\circ} 36'S.$, on the decl. arc, and determine a meridian with the solar which I find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within 1' of the true meridian, we conclude that both instruments are in satisfactory adjustment.

The instruments were kept in good adjustment throughout the progress of the survey, frequent tests of the solar being made.

Near the completion of the survey of this township, the instruments were tested as follows:-

Nov. 20, 1925, with Young and Sons transit No. 8517, in the meridian, established by observations made on Polaris Oct. 25, 1925, at 10h a.m., app. t., I set off $37^{\circ} 05'N.$, on the lat. arc; $19^{\circ} 40'S.$, on the decl. arc, and determine a meridian with the solar which I find to agree with the true meridian.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is $19^{\circ} 41'S.$, which agrees with the computed declination of the sun.

At 2h p.m., app. t., with the lat. arc unchanged, I set off $19^{\circ} 42'S.$, on the decl. arc, and determine a meridian with the solar, which I find to agree with the true meridian.

Feb. 15, 1926, with Buff and Buff transit No. 9220 in the meridian established by observations made on Polaris Oct. 25, 1925, at 10h 00m., a.m., app. t., I set off $37^{\circ} 05'N.$, on the lat. arc; $12^{\circ} 44'S.$, on the decl. arc, and determine a meridian with the solar

Chains

which agrees with the true meridian.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is $12^{\circ} 42' S.$, which agrees with the computed declination of the sun.

At 2h 00m., p.m., app. t., with the lat. arc unchanged, I set off $12^{\circ} 41' S.$, on the decl. arc, and determine a meridian with the solar which I find to agree with the true meridian.

As all the solar observations made during the usual hours of solar work, come within 1' of the true meridian, we conclude that the instruments are in satisfactory adjustment.

MEASUREMENTS.

Unless otherwise specified all measurements are made with lallie steel tapes 5 chains in length compared with a Lufkin standard steel tape and found correct. The measurements are made on the slope, the vertical angles determined, and the slope measurements properly reduced to true horizontal distances.

METHOD OF PROCEDURE.

The east and north boundary have been previously surveyed under Groups Nos. 154 and 155 respectively, the record of which appears in the field notes of T. 43 S., R. 12 E. and T. 42 S., R. 11 E.

The Utah-Arizona State Boundary constitutes the south boundary of this township and has been previously surveyed. A retracement of this line between the 183rd and 189th mile cors. appears in these notes, and the resurvey of the 190th mile is recorded in the field notes of the survey of T. 43 S., R. 12 E.

Chains

The west boundary is run south on true line from cor. of Ts. 42 and 43 S., Rs. 10 and 11 E., to an intersection with the Utah-Arizona State Boundary where a closing cor. for T. 43 S., Rs. 10 and 11 E. is established; fractional distance being placed in the south half mile.

The township is subdivided from N. to S. and from E. to W. and closing cors. are established at the intersection with the State Boundary. Quarter section cors. are established mid-way between the closing cors., except on the S. bdy. of sec. 31 where it is established 40.00 chs. westing from the closing cor. of secs. 31 and 32.

RETRACEMENT OF THE UTAH-ARIZONA STATE BOUNDARY LINE.

Random lines.

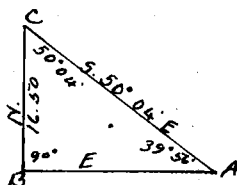
From the 183rd mile cor. on the Utah-Arizona State Boundary hereinafter described

Thence

East on 184th mile.

13.88 Line to the east passes over vertical ledges and cannot be chained; to determine distance I triangulate as follows:-

Set flag "A" east, and erect flag "B" at this point, and measure base line B-C, North 16.50 chs., dist. From W. end of base line flag A bears S. 50° 04' E. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance on line = 13.88

Distance by tringulation = 19.71 chs.

Total = 33.59

33.59 Point "A" of triangulation

RETRACEMENT OF THE UTAH-ARIZONA STATE BOUNDARY LINE.

Chains

80.03 Fall 42 lbs. S. of the 184th mile cor., hereinafter described.

The course of this mile therefore is N. $89^{\circ} 42' E.$, and the distance is 80.03 chs.

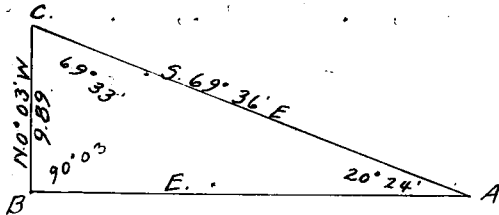
From the 184th mile cor.

Thence

East on the 185th mile.

12.31 Line to the east passes over ledges which cannot be chained. To determine the distance I triangulate as follows:-

Set flag "A", E. on line and erect flag "B" at this point. From flag "B" measure base line "B-C", N. $0^{\circ} 03' W.$, 9.89 chs., dist. The line "C-A" bears S. $69^{\circ} 36' E.$ All bearings taken by direct reading of the solar and angles checked by deflection.



Distance on line = 12.31 chs.

Distance by triangulation = 26.59 chs.

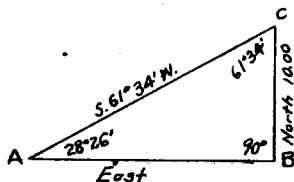
Total = 38.90 chs.

38.90 Point "A" of triangulation.

60.06 Rim of Piute canyon and top of high ledges over which it is impossible to chain. To determine the dist.

I triangulate as follows:-

Erect flag "A" at this point and set flag "B" on line to the east and opposite the 185th mile cor. From flag "B", measure base line "B-C", N., 10.00 chs. dist. The line "C-A", bears S. $61^{\circ} 34' W.$ All angles checked by deflection and bearings taken by direct measurement.



ATTACHMENT OF THE STATE-ENGINEER'S REPORT

Chains

Distance on line. = 68.86 chs. dist. 185th
 Distance by triangulation = 18.67 chs. dist. 185th
 Total = 78.53 chs. dist. 185th

18.67 Fall 42 line. S. of the 185th mile cor., hereinafter described.

The course of this mile therefore is N. 89° 24'E., and the dist. is 78.53 chs.

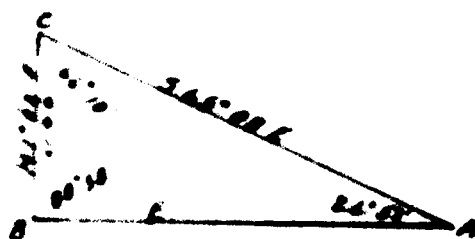
From the 185th mile cor.

Thence

East on the 185th mile.

18.67 to the east passes over high ledges on east side of Pinto canyon and cannot be chained; to determine the distance I triangulate as follows:-

Set flag "A", on line at top of canyon and designate the 185th mile cor. "B", from which I measure base line B-A, N. 1° 12'E., 11.46 chs. dist. to point whence line "B-C" bears S. 65° 06'E. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance by triangulation = 24.93 chs.

18.67 Point of triangulation on top of Pinto canyon.

18.67 Fall 47 line. S. of the 186th mile cor., hereinafter described.

The course of this mile therefore is N. 89° 40'E., and the dist. is 80.95 chs.

From the 186th mile cor.

Thence

East on the 187 mile.

RETRACEMENT OF THE UTAH-ARIZONA STATE BOUNDARY LINE.

Chains

75.88 Fall 48 lks. S. of the 187th mile cor., hereinafter described.

The course of this mile, therefore is N. 89° 39'E., and the dist. is 77.78 chs.

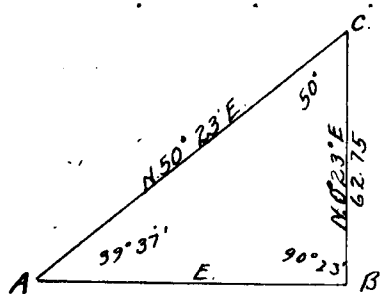
From the 187 mile cor.

Thence

East on the 188th mile.

19.50 Top of deep canyon and high ledges over which it cannot be chained; to determine the distance across canyon I triangulate as follows:-

Designate this point "A", and set flag "B", E. on line. There being no suitable place for a base line from flag "A", I proceed to flag "B", and measure base line BC, N. 0° 23'E. 62.75 chs. dist.; line "C-A", bears S. 50° 23'W. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance on line = 19.50 chs.

Distance by triangulation = 75.36 chs.

Total distance = 94.88 chs.

94.88 Point "B" of triangulation.

97.15 Fall 51 lks. S. of the 188.th mile cor., hereinafter described.

The course of this mile therefore is N. 89° 42'E., and the dist. is 97.15 chs.

From the 188th mile cor.

Thence

East on the 189th mile.

The line to the east ascends over high ledges and can

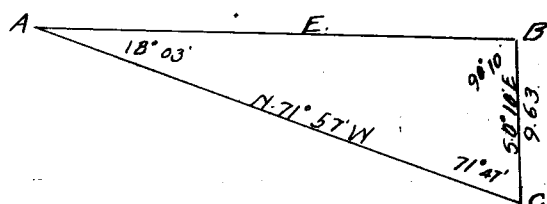
RETRACEMENT OF THE UTAH-ARIZONA STATE BOUNDARY LINE.

Chains

311110

not be chained; to determine the distance I triangulation as follows:-

Designate this point "A", and set flag "B", on line on top of rim of canyon; from flag "B", measure base line "B-C", S. 0° 10'E., 9.63 chs. dist. to point whence line "C-A", bears N. 71° 57'W., All bearings taken by direct reading of the solar and angles checked by deflection.



Distance by triangulation = 29.52 chs.

29.52 Point "B" of triangulation on rim of canyon.

63.10 Fall 6 lms. N. of the 189th mile cor., hereinafter described.

The course of this mile therefore is S. 89° 57'E., and the dist. is 63.10 chs.

RETRACEMENT OF UTAH-ARIZONA STATE BOUNDARY LINE

AND

ESTABLISHMENT OF $\frac{1}{4}$ SEC. CORS. ON S. BDY., T. 43 S., R. 11 E.

From the 183rd mile cor. on the Utah-Arizona State Boundary line which is a sandstone, 6 x 4 x 3 ft., above the ground, marked and witnessed as recorded in the official field notes of the Utah-Arizona Boundary Line.

Thence

N. 89° 42'E., on the 184th mile.

Over mountainous land along broken N. slope, through medium undergrowth. Descend gradually.

13.68 Point for closing cor. of T. 43 S., Rs. 10 and 11 E., subsequently established.

Thence by triangulation.

17.00 Bottom of canyon, 120 ft. below 183rd mile cor., course NW.; abrupt ascent over ledges.

RETACEMENT OF UTAH-ARIZONA STATE BOUNDARY LINE

AND

ESTABLISHMENT OF $\frac{1}{4}$ SEC. CORSE. ON S., EBY OF T. 43 S., R. 11 E.

Chains

33.59 Point of triangulation on top of canyon, 500 ft. above bottom, brs. N. and S.; enter timber, brs. N. and S.;

Distance over broken top of mesa with gradual slope to NE.

52.34 Point 40.00 chs. westing from closing cor. of secs. 31 and 32.

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground for $\frac{1}{4}$ sec. cor., S. bdy. sec. 31, with brass cap marked

* S 31

1925

From which

A pinon, 10 ins. diam., bears N. $64^{\circ} 45' E.$, 78 lks. dist., marked * S 31 B T.

A juniper, 10 ins. diam., bears N. $39^{\circ} 15' W.$, 51 lks dist., marked * S 31 B T.

63.00 Slope changes from NE., to a gradual E. slope.

80.03 The 184th mile cor., which is a sandstone, 38 x 17 x 7 ins., firmly set in the ground and marked and witnessed as recorded in the original field notes of the survey of the Utah-Arizona Boundary Line.

Land, mountainous and broken mesa.

Soil, rocky, sandy loam; 3rd rate.

Timber, scrub juniper and pinon on portion of mile.

Undergrowth, black brush, shadscale and mountain rush.

Fair grazing.

N. $89^{\circ} 24' E.$, on 185th mile.

Over broken mesa, through medium dense timber and undergrowth.

8.50 W. rim of canyon, brs. NE. and SW.; abrupt descent over broken SE. slope.

12.31 The closing cor. of secs. 31 and 32, subsequently established.

Thence by triangulation over sandstone ledges.

RETRACEMENT OF UTAH-ARIZONA STATE BOUNDARY LINE
AND
ESTABLISHMENT OF $\frac{1}{4}$ SEC. COR., ON S. BDY., T. 43 S., R. 11 W.

Chains

- 22.00 Bottom of canyon, 300 ft. deep, course NE.; abrupt
ascent over ledges.
- 30.00 E. rim of canyon and top of ledges, brs. NE. and SW.;
thence over broken land; ascend gradually.
- 32.90 Point of triangulation and top of ascent, brs. N. and
S.; thence by direct measurement over rolling land.
- 52.32 $\frac{1}{2}$ Point mid-way between closing cor. of secs. 31 and 32,
and closing cor. of secs. 32 and 33.

Mark a cross on solid surface rock, over which

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
mound of stone, 4 ft. base, for $\frac{1}{4}$ sec. cor., on S.
bay. sec. 32, with brass cap marked

$\frac{1}{4}$ S32

1925

- 54.30 W. rim of Piute Canyon, brs. N. and S.; abrupt descent.
- 60.00 Top of ledge, 200 ft. below rim of canyon, brs. N. and
S.; abrupt descent by triangulation, to
- 78.53 The 185th mile cor., which is a sandstone, 38 x 17 x 7
ins., firmly set, marked and witnessed as described
in the original record of the survey of Utah-Arizona
Boundary Line.

Cor. stands on broken E. slope of Piute Canyon, 820
ft. below top.

Land, rough and mountainous; drainage N.

Soil, shallow rocky, sandy loam; 3rd and 4th rate.

Timber, scattering scrub juniper and pinon.

Undergrowth, shadscale, black brush and mountain rush.

Poor grazing.

N. 89° 40'E., on 186th mile

Descend broken E. slope, over mountainous land, through
scattering scrub timber and short undergrowth.

- 13.81 The closing cor. of secs. 32 and 33, subsequently
established.

Thence by triangulation.

- 17.30 Stream of clear water, 10 lks. wide, 3 ins. deep, in

RETRACEMENT OF UTAH-ARIZONA STATE BOUNDARY LINE

AND

ESTABLISHMENT OF $\frac{1}{4}$ SEC. COR. ON S. BDY. OF T. 43 S., R. 11 E.

Chains

bottom of Piute Canyon, 100 ft. below 185th mile cor.;

course N.; abrupt ascent of W. slope over ledges.

38.73 Point of triangulation on E. rim of Piute Canyon, 900 ft. above bottom, brs. N. and S.; thence over rolling top of mesa.

53.67 Point mid-way between the closing cor. of secs. 32 and 33 and the closing cor. of secs. 33 and 34.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., on S. bdy. of sec. 33, with brass cap marked

$\frac{1}{4}$ S 33

1926

From which

A pinon, 6 ins. diam., bears N. 63° 45' W., 119 lks. dist., marked $\frac{1}{4}$ S 33 B T.

A pinon, 10 ins. diam., bears N. 64° 15' E., 154 lks. dist., marked $\frac{1}{4}$ S 33 B T.

Note:- No 1 in. iron post was available for monument for this $\frac{1}{4}$ sec. cor.

79.30 Draw, course SW.

80.99 The 186.th mile cor., which is a sandstone, 30 x 20 x 6 ins., firmly set in the ground, marked and witnessed as described in the original field notes of the survey of Utah-Arizona Boundary line.

Land, mountainous and broken mesa.

Soil, coarse, rocky, sandy loam; 3rd and 4th rate.

Timber, scattering scrub-juniper and pinon.

Undergrowth, short shadscale, black brush and mountain rush. Fair grazing.

From the 186.th mile cor.

N. 89° 39' E., on 187th mile.

Over rolling top of mesa, through medium dense timber and short undergrowth.

12.54 The closing cor. of secs. 33 and 34, subsequently

RETRACEMENT OF UTAH-ARIZONA STATE BOUNDARY LINE
AND
ESTABLISHMENT OF $\frac{1}{4}$ SEC. COR. ON S. BDY., T. 45 S., R. 11 W.

Chains

established.

- 52.53 Point mid-way between the closing cor. of secs. 33 and 34, and the closing cor. of secs. 34 and 35.
Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., on S. bdy. sec. 34, with brass cap marked

S. 34

1926

From which

- A pinon, 3 ins. diam., bears N. 20° 30' W., 17 lks. dist., marked B T.
A pinon, 3 ins. diam., bears N. 53° 15' E., 48 lks. dist., marked B T.

- 77.78 The 187th mile cor., which is a sandstone, 19 x 12 x 6 ins. above the ground, marked and witnessed as described in the original field notes of the survey of the Utah-Arizona Boundary Line.

Land, rolling top of mesa.

Soil, shallow, coarse sandy loam; 3rd rate.

Timber, medium dense pinon and juniper.

Undergrowth, shadscale, black brush and mountain rush.

Fair grazing.

N. 89° 42' E., on the 188th mile.

Over rolling top of mesa, through medium dense timber and short undergrowth.

- 14.74 The closing cor. of secs. 34 and 35, subsequently established.

- 19.50 W. rim of deep, canyon, brs. NW. and SE.; abrupt descent over ledges, leaving timber, brs. NW. and SE.

By triangulation = .75.38 chs.

Direct measurement = 19.50 chs.

Total 94.88 thence

By return measurement 40.07

54.81 chs. to

- 54.81 Point mid-way between the closing cor. of secs. 34 and

RETRACEMENT OF UTAH-ARIZONA STATE BOUNDARY LINE

AND
ESTABLISHMENT OF $\frac{1}{4}$ SEC. COR. ON S. BDY. OF T. 43 S., R. 11 E.

Chains

ni. and 35, and the closing cor. of secs. 35 and 36, on steep
to base E. slope of canyon, 580 ft. below rim.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in
the ground on solid rock and 20 ins. in a mound of
stone for $\frac{1}{4}$ sec. cor. on S. bdy. of sec. 35, with
brass cap marked

$\frac{1}{4}$ S 35

1926

Deposit a sandstone, 6 x 4 x 4 ins., marked with a
cross (X) at base of post.

Descend over broken E. slope by direct measurement.

77.30 Bottom of canyon, 250 ft. below $\frac{1}{4}$ sec. cor., course
NW.; abrupt ascent over ledges..

94.88 Point of triangulation and the closing cor. of secs.
35 and 36, subsequently established.

97.15 The 188th mile cor., which is a sandstone, 15 x 15
x 9 ins. above the ground, marked and witnessed as
described in the original field notes of the survey
of the Utah-Arizona Boundary Line.

Cor. stands on steep W. slope, 375 ft. above bottom of
canyon.

Land, rough and mountainous..

Soil, shallow, rocky, sandy loam; 4th rate.

Timber, scrub juniper and pinon on portion of mile.

Undergrowth, shadscale, black brush and mountain rush.

Poor grazing.

S. 89° 57' E., on 189th mile.

Abrupt ascent of W. slope, over ledges, by triangulation,
through short undergrowth

29.52 Point of triangulation on E. rim of canyon, 460 ft.
above 188th mile cor., hrs. N. 20° W., and S. 20° E.;
thence over rolling land.

37.83 Point mid-way between the closing cor. of secs. 35 and
36 and the closing cor. of T. 43 S., Rs. 11 and 12 E.

RETRACEMENT OF UTAH-ARIZONA STATE BOUNDARY LINE.
AND
ESTABLISHMENT OF $\frac{1}{4}$ SEC. COR., ON S. BDY. OF T. 43 S., R. 11 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor. on S. bdy. sec. 36, with brass cap marked.

$\frac{1}{4}$ S 36

1926

From which

A juniper, 3 ins. diam., bears N.13°30'E., 73 lks. dist., marked B T.

A pinon, 3 ins. diam., bears N.79° 15'W., 33 lks. dist., marked B T.

63.10 The 189th mile cor. described in the field notes of the survey of T. 43 S., R. 12 E.

Land, mountainous and rolling.

Soil, a coarse, rocky, sandy loam; 4th rate.

Timber, scrub juniper and pinon on E. portion of mile.

Undergrowth, short shadscale, black brush and mountain rush. Fair grazing.

WEST BOUNDARY OF T. 43 S., R. 11 E.

From the cor. of Ts. 42 and 43 S., Rs. 10 and 11 E., described in the field notes of the survey of T. 42 S., R. 11 E.; thence

South, bet. secs. 1 and 6, along W. bdy. of Tp.

Ascend broken N. slope over mountainous land, through medium dense timber and short undergrowth.

6.00 Spur, 115 ft. above Tp. cor., projects NE.; descend.

9.70 Head of ravine, 50 ft. below spur, course NE.; thence over rolling land.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S 1 | S 6

1925

From which

WEST BOUNDARY OF T. 43 S., R. 11 E.

Chains

A juniper, 5 ins. diam., brs. S. 68° 30' E., 65 lks.

at center of dist., marked B T only.

A pinon, 6 ins. diam., brs. N. 2° W., 258 lks.

dist., marked B T only.

Trees too scrubby for additional markings.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 1, 6, 7 and 12, with brass cap marked

T43S	
R10E	R11E
S 1	S 6
S 12	S 7

1925

From which

A juniper, 4 ins. diam., brs. N. 7° 45' E., 172 lks.
dist., marked B T.

A juniper, 4 ins. diam., brs. S. 18° 30' E., 169 lks.
dist., marked B T.

A juniper, 4 ins. diam., brs. N. 31° 45' W., 130 lks.
dist., marked B T.

No suitable bearing tree available to the SW.; deposit a sandstone, 6 x 4 x 4 ins., marked with a cross (X) at base of post.

Land, rolling and mountainous.

Soil, coarse, rocky, sandy loam; 4th rate.

Timber, medium dense scrub juniper and pinon.

Undergrowth, short shadscale, black brush and mountain rush. Fair grazing.

South, bet. secs. 7 and 12.

Over rolling land, through medium dense timber and short undergrowth.

7.50 Wash, 20 lks. wide, 10 ft. deep, course NE.

28.00 Base of ledge, brs. NE. and SW.; ascend.

31.00 Top of ledge, 50 ft. high; thence across top.

32.50 Descend over ledge, brs. NE. and SW.

37.00 Foot of ledge, 50 ft. below top, brs. NE. and SW.; thence

WEST BOUNDARY OF T. 43 N., R. 11 E.

Chains

over rolling land.
40.00 Set an iron post, 3 ft. long, 1 ins. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked.

S 12 S 7

1925

From which

A pinon, 4 ins. diam., brs. S. $82^{\circ}45'W.$, 190 lbs. dist., marked B T.

No suitable tree available in sec. 7; deposit a sandstone, 5 x 4 x 3 ins., marked with a cross (X) at base of post.

71.30 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for witness cor. to cor. of secs. 7, 12, 13 and 18, with brass cap marked

T43S	
R10E	R11E
S 12	S 7

S 13 S 18

WD

1925

From which

A juniper, 6 ins. diam., brs. N. $67^{\circ}E.$, 216 lbs. dist., marked W C T 43 S R 11 E S 7 B T.

A juniper, 7 ins. diam., brs. S. $62^{\circ}30'E.$, 45 lbs. dist., marked W C T 43 S R 11 E S 7 B T.

A juniper, 4 ins. diam., brs. S. $19^{\circ}15'W.$, 735 lbs. dist., marked W C B T.

A juniper, 4 ins. diam., brs. N. $3^{\circ}15'W.$, 260 lbs. dist., marked W C B T.

80.00 True point for cor. of secs. 7, 12, 13 and 18, in wash, 10 lbs. wide, 5 ft. deep, course SE. Cor. not set. land, rolling; drainage NE..

Soil, coarse sandy loam; 3rd rate.

Timber, medium dense scrub juniper and pinon,

Undergrowth, short shadscale, black brush and mountain

rush. Fair grazing.

WEST BOUNDARY OF T. 43 S., R. 11 E.

35.32

From true point for cor. of Secs. 7, 12, 13, and 18 South, bet. secs. 13 and 18.

Over rolling land, through medium dense timber and short undergrowth.

35.32

Wash, 15 lks. wide, 5 ft. deep, course E.

40.00

Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S. 13 | S 18
 1925

From which

A juniper, 6 ins. diam., brs. N. 75° 45' E., 178 lks. dist., marked $\frac{1}{4}$ S 18 B T.

A juniper, 6 ins. diam., brs. S. 52° 30' W., 38 lks. dist., marked $\frac{1}{4}$ S 13 B T.

44.30

An Indian hogan, on line, and an Indian hogan brs. W., 2.00 chs. dist., and a hogan brs. E. 2.00 chs., dist. from this point.

60.00

Wash, 5 lks. wide, 2 ft. deep, course NE.

69.60

Wash, 30 lks. wide, 15 ft. deep, course NE.

80.00

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for cor. of secs. 13, 18, 19 and 24, with brass cap marked

T43S
 R10E | R11E
 S 13 | S 18
 S 24 | S 19

1925

From which

A juniper, 4 ins. diam., brs. N. 50° 30' E., 20 lks. dist., marked B T.

A juniper, 3 ins. diam., brs. S. 17° 15' E., 197 lks. dist., marked B T.

A pinon, 12 ins. diam., brs. S. 74° 30' W., 130 lks. dist., marked T 43 S R 10 E S 24 B T.

A pinon, 8 ins. diam., brs. N. 53° 45' W., 133 lks.

Chains

dist., marked T 43 S R 10 E S 25, 26, 27

Land, rolling; drainage E. and S. in
Soil, coarse sandy loam; 3rd rate, medium timber
Timber, medium dense scrub juniper and pinyon
Undergrowth, short shadscale, black brush and mountain
rush. Fair grazing.

South, bet. secs. 19 and 24.

Over rolling land, through medium dense timber and
short undergrowth.

20.30 Wash, 10 lks. wide, 1 ft. deep, course NE.; ascend NW.
slope.

23.00 Spur, 30 ft. above wash, projects NE.; descend SE. slope

30.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in
the ground for witness cor. to $\frac{1}{4}$ sec. cor., with brass
cap marked

$\frac{1}{4}$
 S 24 | S 19
 WC
 1925

From which

A juniper, 10 ins. diam., brs. N. 71° E., 100 lks.
dist., marked WC $\frac{1}{4}$ S 19 B T.

A juniper, 10 ins. diam., brs. N. $83^{\circ}45'$ W., 50 lks.
dist., marked WC $\frac{1}{4}$ S 24 B T.

40.00 Point for $\frac{1}{4}$ sec. cor., in wash, 20 lks. wide, 3 ft. deep
80 ft. below spur, course NE. Cor. not set.

Ascend NW. slope,

43.50 Top of ascent, 70 ft. above wash. slopes NE.; descend
SE. slope.

49.10 Wash, 20 lks. wide, 2 ft. deep, 30 ft. below top of
ascent, course NE.; thence over rolling land.

65.00 Foot of ledges, brs. NE. and SW.; ascend.

75.00 Top of ledges, 140 ft. above foot, brs. NE. and SW.;
thence over rolling top.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 10 ins.

WEST BOUNDARY OF T. 43 S., R. 11 E.

Chains

the ground on solid rock and 20 ins. in a mound of stone for cor. of secs. 19, 24, 25 and 30, with brass cap marked

T43S	
R10E	R11E
S 24	S 19
S 25	S 30

1925

From which

A pinon, 8 ins. diam., brs. N. 67° 30' W., 121 lks. dist., marked B T only. Too scrubby for additional markings.

A pinon, 4 ins. diam., brs. S. 54° 30' W., 77 lks. dist., marked B T.

A pinon, 5 ins. diam., brs. S. 13° W., 229 lks. dist., marked T 43 S R 10 E S 25 B T.

A pinon, 8 ins. diam., brs. N. 29° 45' W., 44 lks. dist., marked T 43 S R 10 E S 24 B T.

Land, rolling and mountainous.

Soil, coarse rocky, sandy loam; 4th rate.

Timber, scrub juniper and pinon.

Undergrowth, short shadescale, black brush and mountain rush. Fair grazing.

South, bet. secs. 25 and 30,

Over rolling land, through medium dense timber and short undergrowth.

6.00 Rim of canyon, brs. E. and W.; descend over ledges.

11.80 Bottom of canyon, 320 ft. below rim, course E.; abrupt ascent.

27.00 Top of ascent, 300 ft. above bottom of canyon, slopes E.; thence along broken E. slope.

32.00 Top of ledge, brs. NE. and SW.; abrupt descent over ledge.

40.00 True point for 4 sec. cor. falls on face of ledge where it is impracticable to establish cor. Cor. not set.

41.00 Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in

WEST BOUNDARY OF T. 43 S., R. 11 E.

Chains

miles

the ground on solid rock and 10 ins. in a mound of stone for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap marked

WC
+
S 25 | S 30
1925

From which

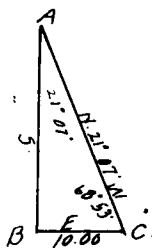
A pinon, 8 ins. diam., brs. N.32°30'E., 71 lks.
dist., marked WC $\frac{1}{4}$ S 30 B T.

A juniper, 12 ins. diam., brs. S.38°15'W., 72 lks.
dist., marked WC $\frac{1}{4}$ S 25 B T.

Cor. stands on broken SW. slope, 150 ft. below top of ascent.

43.36 Top of high ledge, brs. NE. and SW.; impossible to chain over ledge; therefore to determine the distance I triangulate as follows:-

Direct flag "A" at this point and set flag "B", S. on line. There being no suitable place for base line from flag "A", I proceed to flag "B", and measure base line "B-C", E. 10.00 chs., dist., whence line "C-A", bears N. 21° 07' W. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance on line	= 43.36 chs.
Distance by triangulation	= 25.89 chs.
Total	= 69.25.

Approximate dist. to top.

67.00 Wash in bottom of canyon, 30 lks. wide, 7 ft. deep, 280 ft. below top of ledge, course NE.; ascend gradually along W. slope.

67.50 Trail. brs. NE. and SW.

69.25 Point of triangulation; thence by direct measurement.

WEST BOUNDARY OF T. 43 S., R. 11 E.

Chains

80.00 On gradual W. slope, 60 ft. above wash.

Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in the ground for cor. of secs. 25, 30, 31 and 36, with brass cap marked

T43S	
R10E	R11E
S 25	S 30
S 36	S 31

1925

From which

A juniper, 12 ins. diam., brs. N.73°30'E., 55 lks. dist., marked T 43 S R 11 B S 30 B T.

A juniper, 12 ins. diam., brs. S.33°30'E., 228 lks. dist., marked B T only.

A juniper, 10 ins. diam., brs. S.40°30'W., 80 lks. dist., marked BT only.

A juniper, 10 ins. diam., brs. N.26°15'W., 335 lks. dist., marked T 43 S R 10 B S 25 B T.

Note:- The SE. and SW. bearing trees are too scrubby for additional markings.

Land, rough and mountainous.

Soil, coarse, rocky, sandy loam; 4th rate.

Timber, medium dense scrub juniper and pinon.

Undergrowth, short shadescale, black brush and mountain rush. Fair grazing.

South, bet. secs. 31 and 36.

Along gradual W. slope on E. side of bottom of canyon, through medium dense timber and short undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for 4 sec. cor., with brass cap marked

T	
S 36	S 31

1925

From which

A pinon, 6 ins. diam., brs. N. 22°E., 27 lks.

WEST BOUNDARY OF T. 43 S., R. 11 E.

Chains

- dist., marked $\frac{1}{4}$ S 31 B T. 99.08
- A juniper, 17 ins. diam., brs. S. 31° 45' W., 67 lks.
- dist., marked $\frac{1}{4}$ S 36 B T.
- 40.30 Wash, 30 lks. wide, 3 ft. deep, course NW.; ascend along NE. slope.
- 52.48 Intersect the Utah-Arizona State Boundary Line, N. 89° 42' E., 13.88 chs. dist. from the 183rd mile cor., heretofore described.

At point of intersection

Set an iron post, 3 ft. long, 3 ins. diam., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone, for closing cor. of T. 43 S., Rs. 10 and 11 E., with brass cap marked

U	
CC	
T43S	
R10E	R11E
S 36	S 31

A

1925

From which

- A juniper, 10 ins. diam., brs. N. 19° E., 68 lks.
- dist., marked T 43 S R 11 E S 31 CC BT.
- A pinon, 3 ins. diam., brs. N. 9° 15' W., 68 lks.
- dist., marked BT.

Land, mountainous.

Soil, coarse sandy loam; 3rd rate.

Timber, medium dense scrub juniper and pinon.

Undergrowth, short shadscale, yellow top and mountain rush. Fair grazing.

SUBDIVISION OF T. 43 S., R. 11 E.

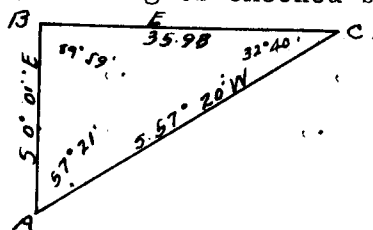
From the cor. of secs. 1, 2, 35 and 36, on N. bdy. of Tp., described in the field notes of the survey of T. 42 S., R. 11 E.; thence S. 0° 01' E., bet. secs. 1 and 2.

Line to the S., passes over high vertical cliffs over which it is impossible to chain; to determine the

Chains

... distance to top of cliff. I triangulate as follows:-

Set flag "A", on line S. 0° 01'E., and erect flag "B" at sec. cor., then measure base line "B-C", E., 35.98 chs., dist. From flag "C", flag "A" bears S. 57° 20'W. All bearings taken by direct reading of the solar, and angles checked by deflection.



Distance by triangulation = 23.06 chs.

Approximate distance to topography.

From cor. of secs. 1, 2, 35 and 36, descend broken SW. slope, through medium dense timber and short undergrowth.

6.00 Ravine, 50 ft. below sec. cor., abrupt ascent over vertical ledges. Ravine runs NW.

23.06 Point of triangulation on top of ledge, 560 ft. above ravine, brs. N. and W.; ascend over broken N. slope by direct measurement.

29.50 Trail, brs. N. 60°W., and S. 60°E.

33.00 Top of mesa, 160 ft. above top of ledge, brs. N. and W.; thence over broken top of mesa.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for sec. cor., with brass cap marked

1/4
S 2 | S 1
1925

From which .

.. A juniper, 4 ins. diam., brs. S. 66°E., 36 lks: dist., marked 1/4 S 1 B T.

A pinon, 12 ins. diam., brs. N. 28°45'W., 70 lks.

.. dist., marked 1/4 S 2 B T.

80.00 On solid surface rock, mark a cross (X) over which Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in

. SUBDIVISION OF T. 43 S., R. 11 E.

Chains

ant. 12.5

a mound of stone, with 4 ft. base, for cor. of secs.

1, 2, 11 and 12, with brass cap marked

T43S	R11E
S 2	S 1
S 11	S 12

1925

From which

A pinon, 6 ins. diam., brs. N.20°45'E., 60 lks.

dist., marked BT only. Tree too scrubby for.
additional markings.

A pinon, 20 ins. diam., brs. S.52°30'E., 53 lks.

dist., marked T 43 S R 11 E S 12 B T.

A pinon, 8 ins. diam., brs. S. 45°W., 141 lks.

dist., marked T 43 S R 11 E S 11 B T.

A pinon, 8 ins. diam., brs. N.77°30'W., 54 lks.

dist., marked T 43 S R 11 E S 2 B T.

Land, rough and mountainous.

Soil, shallow and rocky; 4th rate.

Timber, medium dense scrub juniper and pinon.

Undergrowth, short sage and black brush and mountain rush
floor grazing.

Last on random line bet. secs. 1 and 12.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

60.10 Ball 5 lks. S. of the cor. of secs. 1, 6, 7 and 12, on
E. bdy. of Tp., described in the field notes of the
survey of T. 43 S., R. 12 E.; thence

S. 89° 58'W., on true line bet. secs. 1 and 12.

Ascend E. slope, over mountainous land, through medium
dense timber and short undergrowth.

2.40 Top of spur of mesa, 30 ft. above sec. cor., brs. N.
and S.; thence over rolling top.

9.00 Descend broken W. slope, brs. N. and S.

21.00 Top of ledge, 40 ft. high, brs. N. and S.; abrupt desc.

25.50 Foot of descent, 260 ft. below top, brs. N. and S.;
thence over gentle W. slope.

SUBDIVISION OF T. 43 S., R. 11 E.

Trains

40.65 Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S 1 \\ \frac{1}{4} \\ S 12 \\ 1925 \end{array}$$

From which

A pinon, 8 ins. diam., brs. N. 50° 45' E., 35 lks. dist., marked $\frac{1}{4}$ S 1-B T.

A pinon, 10 ins. diam., brs. S. 1° 15' W., 70 lks. dist., marked $\frac{1}{4}$ S 12 B T.

44.00 Wash, 6 lks. wide, 1 ft. deep, course N. 30° W., ascend.

56.70 Spur, 50 ft. above wash, projects N.; descend.

65.00 Ravine, 40 ft. deep, course N.; ascend.

73.50 Top of mesa, brs. N. and S.; thence over broken top.

80.10 The cor. of secs. 1, 2, 11 and 12.

Land, mountainous; drainage N.

Soil, coarse, rocky, sandy loam; 3rd and 4th rate.

Timber, medium dense scrub juniper and pinon.

Undergrowth, sage and black brush and mountain rush.

Poor grazing.

S. 0° 01' E., bet. secs. 11 and 12.

Over broken top of mesa, through medium dense timber and undergrowth.

11.00 Rim of ravine, brs. N. 80° E. and S. 80° W.; descend.

18.00 Ravine, 120 ft. below top, course S. 60° W., ascend.

40.00 On NW. slope, 120 ft. above ravine.

Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{4} \\ S 11 \mid S 12 \\ 1925 \end{array}$$

From which

A pinon, 8 ins. diam., brs. S. 45° 30' E., 70 lks.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

on land

dist., marked $\frac{1}{4}$ S 12 B T.

A juniper, 12 ins. diam., brs. S. 82°45' W., 22 lks.

dist., marked $\frac{1}{4}$ S 11 B T.

45.00 Spur, 20 ft. above $\frac{1}{4}$ sec. cor., projects S. 80° W.; desc.
S. slope.

54.50 Ravine, 120 ft. below spur, course SW.; ascend.

58.00 Top of ascent, 10 ft. above ravine, slopes W.; desc.

61.00 Ravine, 10 ft. below top of ascent, course W.; ascend
broken NW. slope.

80.00 On top of broken mesa, 120 ft. above ravine.

Set an iron post, 3 ft. long, 2 ins. diam., 6 ins. in
the ground on solid rock and 24 ins. in a mound of
stone for cor. of secs. 11, 12, 13 and 14, with brass
cap marked

T43S	R11E
S 11	S 12
S 14	S 13

1925

From which

A pinon, 8 ins. diam., brs. N. 9°15' E., 63 lks.

dist., marked T43S R11E S 12 B T.

A pinon, 8 ins. diam., brs. S. 89° E., 47 lks.

dist., marked T 43 S R 11 E S 13 B T.

No other suitable bearing trees available.

Land, mountainous; drainage westerly.

Soil, shallow rocky, sandy loam; 4th rate.

Timber, medium dense scrub juniper and pinon.

Undergrowth, shorth sage and black brush and mountain
rush. Fair grazing.

N. 89° 58' E., on random line bet. secs. 12 and 13.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.16 Intersect E. bdy. of Tp., 19 lks. S. of the cor. of
secs. 7, 12, 13 and 18, described in the field notes
of T. 43 S., R. 12 E.; thence

S. 89° 50' W., on true line bet. secs. 12 and 13.

SUBDIVISION OF T. 43 S., R. 11 E.

Stations

Over rolling top of mesa, through medium dense timber and short undergrowth.

25.00 Top of ravine, brs. NE. and SW.; descend NW. slope.

35.00 Ravine, 70 ft. deep, course SW.; ascend SE. slope.

40.08 Mark a cross (X) on solid surface rock, over which Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

S 12

S 13

1925

From which

A pinon, 10 ins. diam., brs. N. 58° 30' W., 42 lbs.

dist., marked x S 12 B T.

A juniper, 8 ins. diam., brs. S. 41° E., 18 lbs.

dist., marked x S 13 B T.

44.00 Top of mesa, 70 ft. above ravine, brs. NE. and SW.; descend gradually over broken NW. slope on top of mesa

80.16 The cor. of secs. 11, 12, 13 and 14.

Land, rolling and mountainous.

Soil, shallow, rocky, sandy loam; 3rd and 4th rate.

Timber, medium dense scrub juniper and pinon.

Undergrowth, short sage and black brush and mountain rush. Fair grazing.

S. 0° 01' E., bet. secs. 13 and 14.

Over rolling top of mesa, through medium dense timber and short undergrowth.

3.50 Descend over ledges, brs. E. and SW.

7.60 Ravine, 40 ft. deep, course SW.; ascend over ledge.

23.00 Rocky spur, 140 ft. above ravine, projects SW.; desc.

29.00 Wash, 20 lks. wide, 6 ft. deep in canyon, 200 ft.

below top of descent, course SW.; ascend along broken NW. slope.

38.00 Top of ascent 15 ft. above wash, slopes W.; descend over ledge.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

40.00 At foot of ledge, 35 ft. high.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 14 | S 13
 1925

From which

A juniper, 10 ins. diam., brs. N. 46°E., 17 lks. dist., marked $\frac{1}{4}$ S 13 B T.

A pinon, 8 ins. diam., brs. N. 25°W., 11 lks. dist., marked $\frac{1}{4}$ S 14 B T.

Thence over level bottom of canyon, brs. E. and W.

52.50 Wash, 20 lks. wide, 4 ft. deep, course W.;

58.00 Wash, 10 lks. wide, 4 ft. deep, course NW.; thence along N. side of canyon.

72.00 Recross wash, course NE.; thence along E. side of canyon.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 22 ins. in the ground on solid rock and 8 ins. in a mound of stone for cor. of secs. 13, 14, 23 and 24, with brass cap marked

T43S R11E
 S 14 | S 13
 S 23 | S 24
 1925

From which

A pinon, 12 ins. diam., brs. N. 52°15'E., 32 lks. dist., marked T 43 S R 11 E S 13 B T.

A pinon, 8 ins. diam., brs. S. 31°45'E., 32 lks. dist., marked T 43 S R 11 E S 24 B T.

A pinon, 14 ins. diam., brs. S. 35°W., 4 lks. dist., marked T 43 S R 11 E S 23 B T.

A juniper, 16 ins. diam., brs. N. 83°30'W., 77 lks. dist., marked T 43 S R 11 E S 14 B T.

Land, mountainous.

Soil, shallow, rocky, sandy loam; 4th rate.

SUBDIVISION OF T. 43 S., R. 11 E.

Maine

Timber, medium dense scrub juniper and pinon.

Undergrowth, short black brush and mountain rush.

Fair grazing.

N. $89^{\circ} 50'$ E., on random line bet. secs. 13 and 24.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect E. bdy. of Tp., 14 lks. S. of the cor. of
secs. 13, 18, 19 and 24, described in the field

notes of T. 43 S., R. 12 E.; thence

S. $89^{\circ} 44'$ W., on true line bet. secs. 13 and 24.

Over broken land, through a medium growth of timber
and short undergrowth.

2.00 Rim of canyon, brs. NE. and SW.; descend NW. slope.

18.00 Wash, 10 lks. wide, 2 ft. deep, in canyon, 360 ft.

below sec. cor., course NW.; thence over rolling land.

23.00 Wash, 15 lks. wide, 3 ft. deep, course NW.; ascend NE.
slope.

28.50 Foot of ledges, brs. NW. and SE.; ascend over broken
ledges.

40.03 Top of spur and ledges, 360 ft. above wash, brs. NW.
and SE.

Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in
the ground on solid rock and 24 ins. in a mound of
stone for $\frac{1}{4}$ sec. cor., with brass cap marked

S 13

$\frac{1}{4}$ S 24

1925

From which

A pinon, 12 ins. diam., brs. N. 88° W., 20 lks.
dist., marked $\frac{1}{4}$ S 13 B T.

A pinon, 8 ins. diam., brs. S. $21^{\circ} 30'$ W., 53 lks.
dist., marked $\frac{1}{4}$ S 24 B T.

Thence over rolling top of spur.

45.75 Rim of canyon, brs. NW. and SE.; descend over ledges
sloping N.

75.60 Foot of ledges, brs. N. and S.

SUBDIVISION OF T. 43 S. 10 E. 10 N.

Chains

80.06 The cor. of secs. 13, 14, 23 and 24, 500 ft. below rim.
Land, mountainous.
Soil, shallow, rocky, sandy loam; 4th rate.
Timber, medium dense scrub juniper and pinon.
Undergrowth, short black brush, mountain rush and
yellow top. Fair grazing.

S. 0° 01'E., bet. secs. 23 and 24.

Over mountainous land, along N. slope of canyon, through
medium dense timber and short undergrowth.

8.70 Wash, 20 lks. wide, 6 ft. deep, course NW.; ascend
gradually along NE. slope.

30.00 Foot of ledge, brs. NW. and SE.; abrupt ascent over
ledge.

39.50 On top of ledge, 90 ft. high, 200 ft. above sec. cor.,
brs. NW. and SE.

Mark cross(X) on solid surface rock, over which
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
a mound of stone for witness cor. to $\frac{1}{4}$ sec. cor.,
with brass cap marked

$\frac{1}{4}$
 S 23 | S 24
 WC

1925

From which

A pinon, 10 ins. diam., brs. N. 27°15'E., 65 lks.
dist., marked WC $\frac{1}{4}$ S 24 B T.

A pinon, 6 ins. diam., brs. S. 2°30'W., 10 lks.
dist., marked WC $\frac{1}{4}$ S 23 B T.

Descend over ledges.

40.00 True point for $\frac{1}{4}$ sec. cor., on sloping sandstone ledge.
Impracticable to set cor.

42.00 Box canyon, 100 ft. below WC to $\frac{1}{4}$ sec. cor., course
NE.; abrupt ascent.

60.50 Top of mesa; 100 ft. above box canyon, brs. E. and W.;
trail brs. E. and W.; thence over broken top of mesa.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

71.00 Head of draw, course SW.

80.00 Mark a cross (X) on solid surface rock, over which
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
a mound of stone, for cor. of secs. 23, 24, 25 and
26, with brass cap marked

T43S	R11E
S 23	S 24

S 26	S 25
------	------

1925

From which

A pinon, 8 ins. diam., brs. N. 25° 30' E., 91 lks.
dist., marked BT only. Tree too scrubby
for additional markings.

A pinon, 8 ins. diam., brs. S. 21° 30' E., 53 lks.
dist., marked T 43 S R 11 E S 25 B T.

A pinon, 5 ins. diam., brs. S. 66° W., 63 lks.
dist., marked T 43 S R 11 E S 26 B T.

A pinon, 14 ins. diam., brs. N. 22° W., 25 lks.
dist., marked T. 43 S R 11 E S 23 B T.

Land, mountainous.

Soil, shallow rocky, sandy loam; 3rd and 4th rate.

Timber, medium dense scrub juniper and pinon.

Undergrowth, short black brush, mountain rush and
yellow top.. Fair grazing.

N. 89° 44' E., on random line bet. secs. 24 and 25.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect the E. bdy. of Tp. at the cor. of secs. 19,
24, 25 and 30, described in the field notes of the
survey of T. 43 S., R. 12 E.; thence

S. 89° 44' W., on true line bet. secs. 24 and 25.

Over rolling and broken top of mesa, through medium
dense timber and short undergrowth.

1.20 Indian road, brs. N. and S.

40.03 Mark a cross (X) on solid surface rock, over which

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in

chain

a mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked

$$\begin{array}{r} S\ 24 \\ + \\ S\ 25 \\ \hline \end{array}$$

1925

from which

A pinon, 10 ins. diam., brs. N.75°30'E., 23 lbs.
dist., marked $\frac{1}{2}$ S 24 B T.

A pinon, 8 ins. diam., brs. S.37°45'W., 45 lbs.
dist., marked $\frac{1}{2}$ S 25 B T.

30.00 The cor. of secs. 23, 24, 25 and 26.

land, rolling and broken top of mesa.

Soil, shallow rocky, sandy loam; 3rd and 4th rate.

Shrub, medium dense scrub juniper and pinon.

Undergrowth, short black brush, mountain rush and yellow top. Fair grazing.

S, 0° 01'E., bet. secs. 25 and 26.

ascend gradually over rolling top of mesa, through medium dense timber and short undergrowth.

31.00 Draw, 110 ft. below sec. cor., course E.; ascend on rolling N. slope.

Set an iron post, 3 ft. long, 1 in. diam., 22 ins. in the ground on solid rock and 6 ins. in a mound of stone for $\frac{1}{2}$ sec. cor., with brass cap marked

$$\begin{array}{r} \frac{1}{2} \\ S\ 26\ S\ 25 \\ \hline 1926 \end{array}$$

from which

A pinon, 4 ins. diam., brs. N.22°45'E., 16 lbs.
dist., marked $\frac{1}{2}$ S 25 B T.

A pinon, 6 ins. diam., brs. N.11°30'W., 107 lbs.
dist., marked $\frac{1}{2}$ S 26 B T.

43.00 Top of ascent, 140 ft. above draw, brs. N. and W.; ascend gradually.

43.00 Top of ledge, brs. N. and E.; ascend gradually.

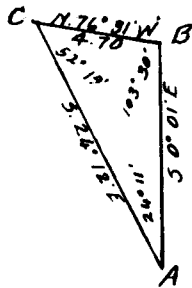
SUBDIVISION OF T. 43 S., R. 11 E.

Chains

66.88 Top of high ledge, brs. E. and W., over which it is impossible to chain. To determine the distance I

triangulate as follows:-

Set flag "A", S. 0° 01'E., on line and erect flag "B" at this point. Measure base line "B-C" N. 76°31'W., 4.70 chs. dist. from point "C", line "C-A", brs. S. 24° 12'E. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance on line = 66.88 chs.

Distance by triangulation = 9.08 chs.

Total distance = 75.96 chs.

75.96 Point of triangulation on steep SW. slope.

80.00 On steep SW. slope, 500 ft. below top of mesa.

Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground in solid rock and 10 ins. in a mound of stone for. cor. of secs. 25, 26, 35 and 36, with brass cap marked

143S	R11E
S 26	S 25
S 35.	S 36

1928

Deposit a sandstone, .7 x 6 x 4 ins., marked with a cross (X) at base of post. No suitable bearing trees available.

Land, rolling and mountainous.

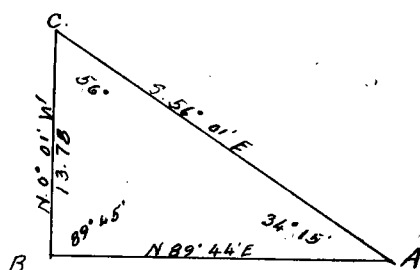
Soil, shallow, rocky, sandy loam; 3rd and 4th rate.

Timber, medium dense scrub juniper and pinon.

Undergrowth, short black brush, mountain rush and yellow top. Fair grazing.

Chains

N. $89^{\circ} 44'$ E., on random line bet. secs. 25 and 36. .
Line to the east passes over high vertical ledge over
which it is impossible to chain. I proceed as follow
to determine distance to top of ledge.
Set flag "A", N. $89^{\circ} 44'$ E., on line on top of ledge,
and designate cor. of secs. 25, 26, 35 and 36 "B".
From point "B", N. $0^{\circ} 01'$ W., 13.78 chs., dist. on
line bet. secs. 25 and 26, to point "C". Line "C-A"
brs. S. $56^{\circ} 01'$ E. All bearings taken by direct
reading of the solar and angles checked by deflection.



Distance by triangulation = 20.30 chs. to

20.30 Triangulation point on top of ledge, thence by direct
measurement on random line.

40.00 Set temp. & sec. cor.

80.16 Intersect E. bdy. of Tp., 3 lks. N. of the cor. of secs.
25, 30, 31 and 36, described in the field notes of the
survey of T. 43 S., R. 12 E.; thence
S. $89^{\circ} 45'$ W., on true line bet. secs. 25 and 36.

Over rolling top of mesa, through medium dense timber
and short undergrowth.

40.08 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S 25
 $\frac{1}{4}$ S 36

1926

From which

A pinon, 3 ins. diam., brs. N. $15^{\circ} 15'$ W., 61 lks.
dist., marked B T.

A pinon, 6 ins. diam., brs. S. $61^{\circ} 30'$ W., 64 lks.
dist., marked $\frac{1}{4}$ S 36 B T.

59.86 Top of high ledge, brs. NW. and SE. at triangulation

Chains

point; thence abrupt descent over ledge by triangulation.

80.16 The cor. of secs. 25, 26, 35 and 36, 580 ft. below top of ledge.

Land, rolling mesa and rough mountains.

Soil, shallow rocky, sandy loam; 3rd and 4th rate.

Timber, medium dense scrub juniper and pinon.

Undergrowth, short black brush, mountain rush and yellow top. Fair grazing.

S. 0° 01' E., bet. secs. 35 and 36.

Descend along rough and broken SW. slope, through short undergrowth.

34.00 Enter scattering timber, brs. SE. and W.

40.00 On broken SW. slope, 80 ft. below sec. cor.,

Mark a cross on solid surface rock over which

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 35 | S 36
 1926

From which

A pinon, 4 ins. diam., brs. S. 66° 45' E., 50 lks. dist., marked $\frac{1}{4}$ S 36 B T.

No other suitable bearing trees available.

49.63 Intersect Utah-Arizona State Boundary Line, S. 89° 42' W., 2.27 chs. dist. from the 188th mile cor., heretofore described.

At point of intersection

Mark a cross (X) on solid surface rock over which

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone for closing cor. of secs. 35 and 36, with brass cap marked

Chains

U	
T43S	R11E
S35	S36
CC	

A
1926

No suitable bearing trees available.

Land, mountainous.

Soil, rocky, sandy loam; 3rd and 4th rate.

Timber, scattering scrub juniper and pinon on portion of mile.

Undergrowth, short black brush, shadscale, mountain rush and yellow top. Fair grazing.

From the cor. of secs. 2, 3, 34 and 35, on N. bdy. of Tp., described in the field notes of the survey of T. 42 S., R. 11 E.; thence

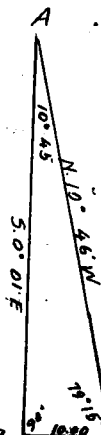
S. 0° 01'E., bet. secs. 2 and 3.

Over rough mountainous land, through short undergrowth and scattering scrub timber.

8.00 Trail, brs. E. and W.

Line to the south passes over broken inaccessible ledges over which it is impossible to chain. To determine the distance I return to the cor. of secs. 2, 3, 34 and 35 on N. bdy. of Tp., and triangulate as follows:-

Set flag "B", S. 0° 01'E., on line and designate cor. of secs. 2, 3, 34 and 35 "A". From flag "B", measure base line "B-C", N. 89° 59'E., 10.00 chs. dist., whence line "C-A", brs. S. 10° 46'E. All bearings taken by direct reading of the solar and angles checked by deflection.



SUBDIVISION OF T. 43 S. R. 11 E.

Distances by triangulation 52.67 chs.

Distance by return measurement = $\frac{12.67}{40.00}$ chs.

40.00 Mark cross (X) on solid surface rock over which

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 3 | S 2
 1925

No suitable bearing trees available.

Ascend over broken NW. slope.

52.67 Point of triangulation 500 ft. above sec. cor.

54.00 Top of mesa, 520 ft. above sec. cor., brs. E. and SW., thence over broken top.

80.00 Mark cross (X) on solid surface rock over which

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone for cor. of secs. 2, 3, 10 and 11, with brass cap marked

T43S | R11E
 S 3 | S 2
 S 10 | S 11
 1925

No suitable bearing trees available.

Land, rough and mountainous.

Soil; shallow rocky loam. 4th rate.

Timber, scattering scrub juniper and pinon.

Undergrowth, short black brush, mountain rush and yellow top. Fair grazing.

East, on random line bet. secs. 2 and 11.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.88 Intersect N. and S. line, 28 lks. N. of the cor. of secs. 1, 2, 11 and 12; thence

N. 89° 48' W., on true line bet. secs. 2 and 11.

Over broken top of mesa, through medium dense timber and short undergrowth.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

- 8.00 Descend over broken NW. slope, brs. NE. and SW.
 21.60 Head of ravine, 200 ft. below sec. cor., course NW.;
 ascend broken NE. slope.
 30.00 Top of mesa, 30 ft. above ravine, brs. NW. and SE.;
 thence over broken top.
 39.94 Mark a cross (X) on solid surface rock over which
 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
 a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap
 marked

$$\begin{array}{r} S\ 2 \\ \frac{1}{4} \\ S\ 11 \end{array}$$

1925

From which

A juniper, 8 ins. diam., brs. N.54°15'W., 50 lks.
 dist., marked $\frac{1}{4}$ S 2 B T.

A pinon, 12 ins. diam., brs. S.7°30'W., 15 lks.
 dist., marked $\frac{1}{4}$ S 11 B T.

- 42.00 Descend broken W. slope, brs. NE. and SW.
 49.80 Top of ledges, brs. NE. and SW.; abrupt descent.
 60.00 Foot of ledges, 160 ft. below top of descent, brs. NE.
 and SW.; descend over rolling W. slope.
 79.88 The cor. of secs. 2, 3, 10 and 11.
 Land, mountainous.
 Soil, shallow rocky loam; 3rd and 4th rate.
 Timber, scrub juniper and pinon.
 Undergrowth, short black brush and mountain rush.
 Fair grazing.

S. 0° 01'E., bet. secs. 10 and 11.

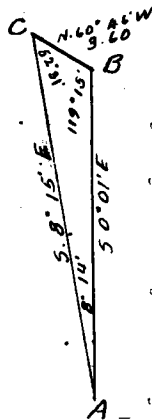
Over broken top of mesa, through scattering scrub timber
 and undergrowth.

- 3.50 Descend into ravine, brs. E. and W.
 10.00 Ravine, 50 ft. deep, course SW.; ascend.
 24.40 Spur, 50 ft. above ravine, projects W.
 From this point line crosses deep canyon, rimmed with
 ledges over which it is impossible to chain. To

Chains

determine the distance I triangulate as follows:-

Set flag "A" S. $0^{\circ} 01' E.$, on line and erect flag "B" at this point. Measure base line "B-C", N. $60^{\circ} 46' W.$, 3.60 chs., dist. (Impossible to get longer base line on account of high broken ledges.) From point "C", flag "A" brs. S. $8^{\circ} 15' E.$ All bearings taken by direct reading of the solar and bearings checked by deflection.



Distance on line A = 24.40 chs.

Distance by triangulation = $\frac{19.95}{44.35}$ chs.

Distance by return measurement = $\frac{4.35}{40.00}$ chs.

Approximate top.

- 32.00 Bottom of canyon, 400 ft. deep, course NW.; ascend over vertical ledges.
- 36.00 Rim of canyon, or top of ledges, brs. E. and W.; ascend over broken N. slope.
- 40.00 On ledge 10 ft. high, brs. E. and W.
Mark a cross (X) on solid surface rock, over which
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 10 | S 11
 1925

No suitable bearing trees available.

Ascend broken N. slope.

- 44.35 Point of triangulation on top of canyon, 80 ft. above $\frac{1}{4}$ sec. cor., brs. E. and W.; thence over rolling land.
- 61.00 Foot of ledges, brs. NE. and SW.; abrupt ascent.
- 76.50 Top of ledges, 120 ft. above foot, brs. E. and W.; thence over broken mesa.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

80.00 Mark a cross (X) on solid surface rock, over which
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
a mound of stone for cor. of secs. 10, 11, 14 and 15
with brass cap marked

T43S	R11E
S 10	S 11
S 15	S 14

1925

From which

A juniper, 18 ins. diam., brs. N. 34° 30' E., 48 lks
dist., marked T 43 S R 11 E S 11 B T.

A pinon, 6 ins. diam., brs. S. 51° W., 15 lks.
dist., marked T 43 S R 11 E S 15 B T.

A pinon, 8 ins. diam., brs. N. 61° W., 34 lks.
dist., marked T 43 S R 11 E S 10 B T.

No suitable bearing tree available in sec. 14.

Land, rough and mountainous.

Soil, shallow rocky, sandy loam; 4th rate.

Timber, scattering scrub juniper and pinon.

Undergrowth, short black brush, mountain rush and
yellow top. Fair grazing.

S. 89° 48' E., on random line bet. secs. 11 and 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.,

79.84 Intersect N. and S. line, at the cor. of secs. 11, 12,
13 and 14; thence

N. 89° 48' W., on true line bet. secs. 11 and 14.

Over rolling mesa, through medium dense timber and
undergrowth.

7.00 Saddle or divide in mesa, brs. NE. and SW.

39.92 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in
the ground on solid rock and 20 ins. in a mound of
stone for $\frac{1}{4}$ sec. cor., with brass cap marked

S. 11
S 14

1925

SUBDIVISION OF T. 43 S., R. 11 E.

Trains

From which

A pinon, 10 ins. diam., brs. N. 27°E., 49 lks.

dist., marked $\frac{1}{4}$ S 11 B T.

A pinon, 10 ins. diam., brs. S. 30°E., 98 lks.

dist., marked $\frac{1}{4}$ S 14 B T.

45.00 Top of ledges, brs. NE. and SW.; descend NW. slope.

71.00 Wash, 20 lks. wide, 6 ft. deep, 160 ft. below top of
ledges, course SW.; ascend gradual E. slope.

79.84 The cor. of secs. 10, 11, 14 and 15, 20 ft. above wash.
Land, rolling and mountainous.

Soil, shallow rocky, sandy loam; 3rd and 4th rate.

Timber, scrub juniper and pinon.

Undergrowth, short sage and black brush and mountain
rush. Poor grazing.

S. 0° 01'E., bet. secs. 14 and 15.

Descend gradually over broken land, through medium
dense timber and undergrowth.

3.30 Wash, 20 lks. wide, 6 ft. deep, 10 ft. below sec. cor.,
course S.W.; ascend gradually

16.00 Ledge, 30 ft. high, brs. SW. and SE.

22.50 Top of ascent, 70 ft. above wash, brs. NE. and SW.;
descend

28.00 Ravine, 30 ft. deep, course S. 60°W.; ascend.

40.00 Mark a cross (X) on solid surface rock, over which
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap
marked

S 15 | S 14

1925

From which

A pinon, 10 ins. diam., brs. N. 59°E., 15 lks.

dist., marked $\frac{1}{4}$ S 14 B T.

A pinon, 16 ins. diam., brs. N. 15°W., 44 lks.

dist., marked $\frac{1}{4}$ S 15 B T.

Chains

- 41.50 Top of ascent, 30 ft. above wash, brs. E. and W.;
descend over ledge, 30 ft. high.
- 46.00 Ravine, 110 ft. below top of ascent, course W.; ascend
gradual N. slope.
- 80.00 On gradual N. slope, 140 ft. above ravine.
Mark a cross (X) on solid surface rock, over which
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
a mound of stone, for cor. of secs. 14, 15, 22 and 23
with brass cap marked.

T43S	R11E
S 15	S 14
S 22	S 23

1925

From which

A pinon, 14 ins. diam., brs. N. 8°30'E., 36 lks.
dist., marked T 43 S R 11 E S 14 B T.

A pinon, 16 ins. diam., brs. S. 11°E., 180 lks.
dist., marked T 43 S R 11 E S 23 B T.

A pinon, 10 ins. diam., brs. S. 78°30'W., 65 lks.
dist., marked T 43 S R 11 E S 22 B T.

A juniper, 8 ins. diam., brs. N. 63°15'W., 43 lks.
dist., marked T 43 S R 11 E S 15 B T.

Land, rolling and mountainous.

Soil, a shallow rocky, sandy loam; 3rd and 4th rate.

Timber, medium dense scrub juniper and pinon.

Undergrowth, short black brush, mountain rush and yellow
top. Poor grazing.

S. 89° 48'E., on random line bet. Secs. 14 and 23.

40.00 Set temp, 1/4 sec. cor.

79.94 Intersect N. and S. line, 14 lks. S. of the cor. of secs.
13, 14, 23 and 24; thence

N. 89° 54'W., on true line bet. secs. 14 and 23.

Descend over mountainous land, through medium dense
timber and undergrowth.

3.00 Ravine, 10 ft. below sec. cor., course N.; ascend E.
slope.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

- 14.00 Foot of ledges, brs. N. and S.; abrupt ascent over
broken ledges.
- 17.50 Spur, 135 ft. above ravine, projects N.; descend broken
W. slope.
- 30.00 Top of ledge, brs. N. and S.
- 37.20 Ravine, 160 ft. below spur, course N.; ascend N. slope.
- 39.97 Mark a cross (X) on solid surface rock over which
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap
marked.

$$\begin{array}{r} S\ 14 \\ \frac{1}{4} \\ S\ 23. \end{array}$$

1925

From which

A pinon, 12 ins. diam., brs. N.51°15'E., 20 lks.
dist., marked $\frac{1}{4}$ S 14 B T.

A pinon, 8 ins. diam., brs. S.45°30'E., 24 lks.
dist., marked $\frac{1}{4}$ S 23 B T.

- 45.00 Top of ascent, 110 ft. above ravine, brs. N. and S.;
Thence over rolling land.
- 59.60 Abrupt descent over broken W. slope, brs. N. and S.
- 76.20 Wash, 40 lks. wide, 2 ft. deep, 130 ft. below top
of descent, course N.; thence over rolling land.
- 79.94 The cor. of secs. 14, 15, 22 and 23.
Land, rolling and mountainous; drainage N.
Soil, shallow rocky, sandy loam; 4th rate.
Timber, scrub juniper and pinon.
Undergrowth, short black brush, mountain rush and
yellow top. Fair grazing.

S. 0° 01'E., bet. secs. 22 and 23.

Over broken top of mesa, through medium dense timber
and undergrowth.

- 32.00 Rim of canyon, brs. NE. and SW.; abrupt descent.
- 35.52 On top of high ledge.

Mark a cross (X) on solid surface rock, over which

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S. 22 | S 23
WC
1925

From which

A juniper, 8 ins. diam., brs. N. 28° 45' E., 124 lks. dist., marked WC $\frac{1}{4}$ S 23 B T.

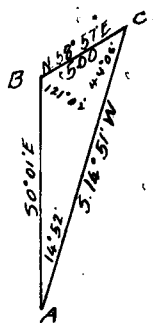
A juniper, 12 ins. diam., brs. N. 46° W., 15 lks. dist., marked WC $\frac{1}{4}$ S 22 B T.

40.00 True point for $\frac{1}{4}$ sec. cor. falls on inaccessible face of ledge. Cor. not set.

From the witness cor. to $\frac{1}{4}$ sec. cor., at 35.52 chs. point

I triangulate as follows to determine distance across deep box canyon over which chaining is impossible.

Set flag "A", on line, S. 0° 01' E., on S. rim of canyon, and designate WC. to $\frac{1}{4}$ sec. cor. "B". Measure base line "B-C", N. 58° 57' E., 5.00 chs. dist. Line "C-A" brs. S. 14° 51' W. All bearings taken by direct reading of the solar and angles checked by deflection. On account of broken ledges it was impossible to obtain longer base line.



Distance on line = 35.52 chs.

Distance by triangulation = $\frac{13.56}{49.08}$ chs.

Approximate topography.

42.50 Bottom of canyon, 150 ft. deep, course S. 60° W.; abrupt ascent over ledges.

49.08 Point of triangulation on rim of canyon, brs. NE. and SW. thence over rolling top of mesa.

77.04 On top of ledge and rim of canyon.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

Mark a cross (X) on solid surface rock, over which
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
a mound of stone for witness cor. to cor. of secs.
22, 23, 26 and 27, with brass cap marked

T43S	R11E
S 22	S 23
S 27	S 26
VC	

1125

From which

A pinon, 6 ins. diam., brs. N. 29° 30' E., 46 lks.
dist., marked BT only.

A pinon, 8 ins. diam., brs. N. 62° E., 74 lks.
dist., marked BT only.

Trees too scrubby for additional markings. No suitable
bearing trees S. of the cor.

80.00 True point for cor. of secs. 22, 23, 26 and 27, falls
on inaccessible face of ledge. Cor. not set.

Land, rolling and mountainous.

Soil, shallow rocky, sandy loam; 4th rate.

Timber, scrub juniper and pinon.

Undergrowth, short black brush, mountain rush and
yellow top. Fair grazing.

From the witness cor. to cor. of secs. 22, 23, 26 and
27, which is 2.96 chs., N. 0° 01' W., from true point.

Thence

S. 89° 54' E., on random offset line, through sec. 23.

35.00 Offset South, 2.96 chs., to line bet. secs. 23 and 26,

Thence

S. 89° 54' E., on random line bet. secs. 23 and 26, with
continuous measurement.

40.00 Set temp. & sec. cor.

79.98 Intersect N. and S. line, 12 lks. N. of the cor. of
secs. 23, 24, 25 and 26; thence

N. 89° 49' W., on true line bet. secs. 23 and 26.

Descend gradually over broken top of mesa, through

SUBDIVISION OF T. 43 S., R. 11 E., S. 23

Chains

marked

- medium dense timber and undergrowth.
- 9.30 Wash, 20 lks. wide, 3 ft. deep, 50 ft. below sec. cor.,
course SW.; ascend gradually.
- 19.00 Top of ascent, 40 ft. above wash, brs. NE. and SW.;
descend gradually over broken top of mesa.
- 39.99 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in
the ground on solid rock and 12 ins. in a mound of
stone for $\frac{1}{4}$ sec. cor., with brass cap marked

S 23
 $\frac{1}{4}$
S 26.

1926

From which

A pinon, 3 ins. diam., brs. N. 33°E., 66 lks.
dist., marked $\frac{1}{4}$ S 23 B T.

A pinon, 5 ins. diam., brs. S. 60°E., 17 lks.
dist., marked $\frac{1}{4}$ S 26 B T.

- 44.98 Top of ledge and rim of deep canyon, brs. NW. and SE.
From this point line follows along face of ledge over
which it is impossible to produce line, therefore I
offset as follows:-

North, 2.96 chs. dist.; thence on offset line
N. 89° 49'W., on offset line with continuous measure-
ment.

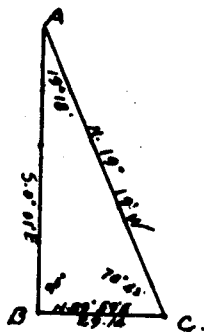
- 79.98 The witness cor. to cor. of secs. 22, 23, 26 and 27.
land, broken top of mesa.
Soil, shallow rocky, sandy loam; 3rd and 4th rate.
Timber, medium dense scrub juniper and pinon.
Undergrowth, black brush and mountain rush.
Fair grazing.

S. 0° 01'E., bet. secs. 26 and 27.

Line passes over high ledges over which it is impossible
to chain. To determine the distance I triangulate as
follows:-

From the witness cor. to cor. of secs. 22, 23, 26 and
27, designated "A", I set flag "B", S. 0° 01'E., on

at the bottom of canyon. From flag "B", measure
 line VB-C, N. 89° 50' E., 29.14 chs., dist. to
 point whence witness cor. designated "A", bears
 E. 19° 19' W. All bearings taken by direct reading
 of the solar and angles checked by deflection.



Distance by triangulation = 83.21 chs.
 Dist. E. of true point for sec. cor. = 2.96 chs.
 Distance 3.0° 01' E of true point for cor. = 80.25 chs.
 By return measurement = 40.25 chs.

40.00 On broken slope, 640 ft. below top of ledge.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in
 the ground on solid rock and 20 ins. in a mound of
 stone for $\frac{1}{2}$ sec. cor., with brass cap marked

†
 S 27 | S 26
 1926

Deposit a sandstone, 5 x 5 x 5 ins., marked with a
 cross (X) at base of post. No other suitable
 accessories available.

Descend broken S.W. slope, through medium undergrowth.

76.50 Wash, 40 lks. wide, 3 ft. deep, in canyon, 310 ft.
 below $\frac{1}{2}$ sec. cor., course NW.; thence over bottom of
 canyon.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in
 the ground on solid rock and 10 ins. in a mound of
 stone for cor. of secs. 26, 27, 34 and 35, with
 brass cap marked

T438 R11E
 S 27 | S 26

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

Deposit a sandstone, 9 x 7 x 4 ins., marked with a cross (X) at base of post. No other suitable accessories available.

Land rough and mountainous.

Soil, shallow rocky, sandy loam; 3rd and 4th rate.

No timber.

Undergrowth, short black brush, mountain rush and yellow top. Fair grazing.

S. 89° 49'E., on random line bet. secs. 26 and 35.

40.00 Set temp. & sec. cor.

80.00 Intersect E. and S. line, 5 lks. N. of the cor. of secs. 25, 26, 35 and 36; thence

E. 89° 47'W., on true line bet. secs. 26 and 35.

Descend over broken SW. slope, through scattering timber and undergrowth.

40.00 On broken SW. slope, 110 ft. below sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

S 26
 $\frac{1}{4}$
S 35

1926

From which

A pinon, 3 ins. diam., brs. N. 37° 15'E., 120 lks. dist., marked "BT".

A pinon, 5 ins. diam., brs. S. 30° 15'W., 56 lks. dist., marked $\frac{1}{4}$ S 35 B T.

70.50 Wash, 40 lks. wide, 4 ft. deep, in canyon, 200 ft. below $\frac{1}{4}$ sec. cor., course NW.; thence along canyon.

74.20 Recross wash, course SW.

77.20 Recross wash, course NW.

80.00 The cor. of secs. 26, 27, 34 and 35.

Land, mountainous.

Soil, shallow, rocky, sandy loam; 3rd and 4th rate.

Timber, scattering scrub juniper and pinon.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

Undergrowth, short black brush, shadscale, mountain
brush and yellow top. Poor grazing.

S. $0^{\circ} 01'E.$, bet. secs. 34 and 35.

Ascend over broken NE. slope, through median undergrowth

40.00 On broken NE. slope, 360 ft. above sec. cor.

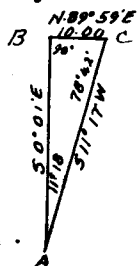
Mark a cross (X) on solid surface rock, over which

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap
marked

$\frac{1}{4}$
 S 34 | S 35
 1926

From this cor. line passes over vertical ledges over
which chaining is impossible. To determine the dist.
I triangulate as follows:-

There being no suitable place to lay off base line from
the $\frac{1}{4}$ sec. cor., I retrun to the cor. of secs. 26, 27,
34 and 35, and set flag "A", S. $0^{\circ} 01'E.$, on line on
top of ledge. Erect flag "B" at this cor., and
measure base line, N. $89^{\circ} 59'E.$, 10.00 chs., dist.
to point "C", whence line "C-A", brs. S. $11^{\circ} 17'W.$
All bearings taken by direct reading of the solar and
angles checked by deflection.



Distance by triangulation = 50.05 chs.

50.05 Triangulation point on top of ledges and top of canyon,
1000 ft. above sec. cor., brs. NW. and SE.; thence
over broken top of mesa.

50.36 Intersect the Utah-Arizona State Boundary Line, N. 89°
 $42'E.$, 14.74 chs. dist. from the 187th mile cor.,
heretofore described.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

and 315

At point of intersection
 Mark a cross on solid surface rock, over which
 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
 a mound of stone, for closing cor. of secs. 34 and 35,
 with brass cap marked

U	
CC	
T43S	R11E
S 34	S 35

A

1926

Land, rough and mountainous.

Soil, shallow rocky, sandy loam; 3rd rate.

No timber.

Undergrowth, short black brush, mountain rush, yellow
 top and shadscale. Poor grazing.

From the cor. of secs. 3, 4, 33 and 34, on N. bdy. of
 Tp., described in the field notes of the survey of
 T. 42 S., R. 11 E.; thence
 S. 0° 02' E., bet. secs. 3 and 4.

Over rolling bottom of Piute Canyon, through medium
 undergrowth.

- 2.90 Enter Indian corn field, brs. E. and W.
 11.40 Leave corn field, brs. E. and W.
 13.30 Piute Creek, stream of clear water, 15 lks. wide, 6 ins.
 deep, course NE.; ascend gradually along E. side of
 canyon.
 32.00 Top of ascent, 120 ft. above sec. cor., slopes W.; desc.
 35.50 Recross Piute Creek, course NW.; thence along W. side
 of canyon. Stream 10 lks. wide, 3 ins. deep.
 40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in
 the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S $\frac{1}{4}$	S 3
-----------------	-----

1925

Deposit a sandstone, 6 x 4 x 4 ins., marked with a

Chains

cross (X) at base of post. One iron post.

No other suitable accessories available.

44.30 Recross Piute Creek, course NE.; Ascend gradually along E. side of canyon.

80.00 On NW. slope, 330 ft. above $\frac{1}{4}$ sec. cor.,
Mark a cross (X) on solid surface rock, over which
Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
a mound of stone, for cor. of secs. 3, 4, 9 and 10,
with brass cap marked

T43S	R11E
S 4	S 3
S 9	S 10

1925

Land, mountainous.

Soil, rocky, sandy loam; 3rd rate.

No timber.

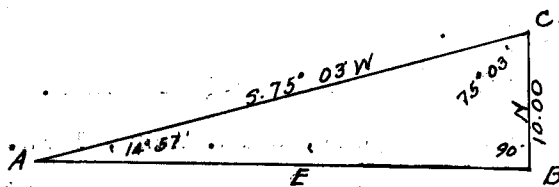
Undergrowth, black brush, shadscale, grease wood and yellow top.. Fair grazing..

East, on random line bet. secs. 3 and 10.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

From this point line to the east passes over vertical ledges over which it is impossible to chain. To determine the dist. I triangulate as follows:-

Erect flag "A" at this point and set flag "B", east on line on top of ledges. From flag "B" measure base line, "B-C", North, 10.00 chs. dist., whence line "C-A" brs. S. $75^{\circ} 03' W$. All bearings taken by direct reading of the solar and angles checked by deflection.



SUBDIVISION OF T. 43 S., R. 11 E.

Chains

ent 1890

Distance on line = 40.00

Distance by triangulation = $\frac{37.45}{77.45}$

77.45 Triangulation point on ledge; thence by direct measurement.

80.04 Intersect the cor. of secs. 2, 3, 10 and 11; thence West, on true line bet. secs. 3 and 10. Over broken top of mesa, through a medium undergrowth.

82.89 Top of ledge, 300 ft. high, brs. N. and S.; abrupt descent.

40.02 On broken slope, 460 ft. below top of ledge.

Set an iron post, 3 ft. long, 1 in. diam., 14 ins. in the ground on solid rock and 16 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\begin{array}{r} S. 3 \\ \frac{1}{4} \\ S. 10 \end{array}$$

1925

Deposit a sandstone, 6 x 4 x 4 ins., marked with a cross (X) at base of post.

41.00 Gulch, 10 ft. below $\frac{1}{4}$ sec. cor., small seap of clear water in bottom of gulch, course NW.; ascend NE. slope

70.00 Top of ascent, 130 ft. above gulch, slopes N.; descend.

80.04 The cor. of secs. 3, 4, 9 and 10, 60 ft. below top of ascent.

Land, rough and mountainous.

Soil, shallow rocky, sandy loam; 3rd rate.

No timber.

Undergrowth, black brush, shadscale, mountain rush and yellow top. Fair grazing.

S. 0° 02'E., bet. secs. 9 and 10.

Ascend along broken NW. slope, through a medium undergrowth.

30.00 At foot of nearly vertical ledge.

Set an iron post, 3 ft. long, 1 in. diam., 16 ins. in the ground on solid rock and 14 ins. in a mound of

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

stone for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap marked

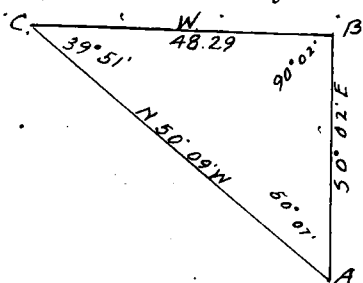
$\frac{1}{4}$
S 9 | S 10
WC

1925

Deposit a sandstone, 12 x 4 x 4 ins., marked with a cross (X) at base of post.

40.00 True point for $\frac{1}{4}$ sec. cor. falls on inaccessible face of ledge. Cor. not set.

From the witness cor. to $\frac{1}{4}$ sec. cor., line passes over ledge and chaining is impracticable. To determine the dist. to top of ledge I triangulate as follows:- Being unable to set flag on top of ledge from the WC to $\frac{1}{4}$ sec. cor., I return to cor. of secs. 3, 4, 9 and 10, designated "B", and designate a flag set W. 48.29 chs. dist. on line bet. secs. 4 and 9, "C", (see notes of line bet. secs. 4 and 9). From flag "B", set flag "A", S. $0^{\circ} 02' E.$, on line on top of ledge. From flag "A", flag "C", or line "A-C", brs. N. $50^{\circ} 09' W.$ All bearings taken by direct reading of the solar and angles checked by deflection.



Distance by triangulation = 40.32 chs.

40.32 Top of ledges, 900 ft. above sec. cor., brs. E. and W.; thence ascend gradual NW. slope over broken top of mesa, entering scrub timber, brs. E. and W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone for cor. of secs. 9, 10, 15 and 16, with brass cap marked

SUBDIVISION OF T. 43 S., R. 11 E., S. 10

Chains

T43S	R11E
S 9	S 10
S 16	S 15

1925,

From which

A juniper, 12 ins. diam., brs. S. 23°E., 94 lks.
dist., marked BT only.

A juniper, 20 ins. diam., brs. S. 68°30'W., 92 lks.
dist., marked BT only.

Trees too scrubby for additional markings.

No other suitable bearing trees available. Deposit a
sandstone, 6 x 4 x 4 ins., marked with a cross (X)
at base of post.

Land, rolling and mountainous.

Soil, shallow rocky, sandy loam; 3rd and 4th rate.

Timber, scrub juniper and pinon on S. portion of mile.

Undergrowth, black brush, shadscale, mountain rush and
yellow top. Poor grazing.

Last, on random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect E. and S. line, 5 lks. N. of the cor. of secs.
10, 11, 14 and 15; thence

N. 89° 58'W., on true line bet. secs. 10 and 15.

Descend gradually over broken top of mesa, through a
medium growth of scrub timber and short undergrowth.

21.00 Wash, 20 lks. wide, 6 ft. deep, 48 ft. below sec. cor.
course N. 15°W.; thence over rolling top of mesa.

29.80 Ledge, 25 ft. high, brs. NW. and SE.

40.03 Set an iron post, 3 ft. long, 1 in. diam., 6 ins. in
the ground on solid rock and 24 ins. in a mound of
stone for $\frac{1}{4}$ sec. cor., with brass cap marked

S 10
S 15

1925

From which

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

A juniper, 10 ins. diam., brs. N.34°15'W., 69 lks.

... dist., marked $\frac{1}{4}$ S 10 B T.

A pinon, 10 ins. diam., brs. S.54°45'E., 207 lks.

... dist., marked $\frac{1}{4}$ S 15 B T.

80.06 The cor. of secs. 9, 10, 15 and 16.

Land, rolling top of mesa.

Soil, shallow rocky sandy loam; .3rd rate.

Timber, scrub juniper and pinon.

Undergrowth, black brush, mountain rush and shadscale.

Fair grazing.

S. 0° 02'E., bet. secs. 15 and 16.

Over broken top of mesa, through medium dense timber and undergrowth.

23.70 Wash, 20 lks. wide, 6 ft. deep, course SW.

32.00 Ledge, 20 ft. high brs. NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 4 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S 16 | S 15

1925

From which

A pinon, 10 ins. diam., brs. N. 66°E., 140 lks.

dist., marked $\frac{1}{4}$ S 15 B T.

A pinon, 8 ins. diam., brs. S.46°15'W., 67 lks.

dist., marked $\frac{1}{4}$ S 16 B T.

42.70 Ledge, 20 ft. high brs. NE. and SW.

44.00 Wash, 20 lks. wide, 3 ft. deep, 20 ft. below $\frac{1}{4}$ sec. cor. course S. 60°W.

60.00 Ledge, 30 ft. high, brs. N. 60°E., and S. 60°W.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 15, 16, 21 and 22, with brass cap marked

T43S R11E

S 16 | S 15

S 21 | S 22

SUBDIVISION OF T., 43 S., R. 11 E.

Chains

From which

A juniper, 10 ins. diam., brs. N. 45° 45' E., 153 lks.

dist., marked T 43 S R 11 E S 15 B T.

A pinon, 10 ins. diam., brs. S. 2° 15' E., 77 lks.

dist., marked T 43 S R 11 E S 22 B T.

A juniper, 8 ins. diam., brs. S. 53° 15' W., 140 lks.

dist., marked T 43 S R 11 E S 21 B T.

A juniper, 16 ins. diam., brs. N. 77° 15' W., 95 lks.

dist., marked T 43 S R 11 E S 16 B T.

Land, broken top of mesa.

Soil, shallow rocky, sandy loam; 3rd rate.

Timber, scrub juniper and pinon.

Undergrowth, black brush, shadscale and mountain rush.

Fair grazing.

S. 89° 58' E., on random line bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Intersect N. and S. line at the cor. of secs. 14, 15,
22 and 23; thence

N. 89° 58' W., on true line bet. secs. 15 and 22.

Over broken top of mesa; through a medium growth of
scrub timber and undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S 15
 $\frac{1}{4}$ S 22.

1925

from which

A juniper, 16 ins. diam., brs. N. 9° E., 60 lks.

dist., marked $\frac{1}{4}$ S 15 B T.

A pinon, 12 ins. diam., brs. S. 7° 15' W., 115 lks.

dist., marked $\frac{1}{4}$ S 22 B T.

80.00 The cor. of secs. 15, 16, 21 and 22.

Land, rolling and broken top of mesa.

Soil, shallow rocky and sandy loam; 3rd rate;

timber, scrub juniper and pinon.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

Undergrowth, short black brush, shadscale and mountain
rush. Fair grazing.

S. $0^{\circ} 02' E.$, bet. secs. 21 and 22.

Over broken top of mesa, through medium dense timber
and undergrowth.

34.00 Wash, 10 lks. wide, 2 ft. deep, course W.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 21 | S 22
 1925

From which

A pinon, 6 ins. diam., brs. N. $37^{\circ} 15' E.$, 34 lks.
dist., marked BT only.

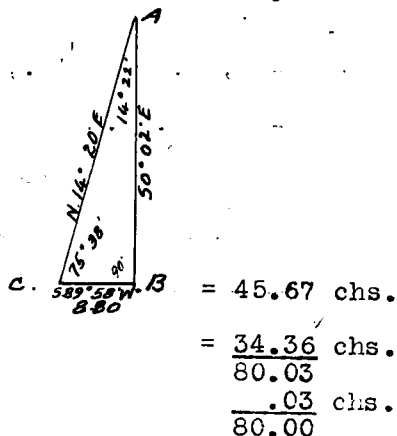
A pinon, 6 ins. diam., brs. S. $49^{\circ} 30' W.$, 37 lks.
dist., marked "BT" only.

Trees too scrubby for additional markings.

41.60 Rim of mesa and top of canyon, brs. N. $60^{\circ} W.$, and
S. $60^{\circ} E.$; abrupt descent.

45.67 Top of high ledge over which it is impracticable to
chain. To determine the distance I triangulate as
follows:-

Erect flag "A" at this point and set flag "B", S. 0°
 $02' E.$, on line. From flag "B", measure base line
"B-C", S. $89^{\circ} 58' W.$, 8.60 chs. dist. Line "C-A",
brs. N. $14^{\circ} 20' E.$ All bearings taken by direct
reading of the solar and angles checked by deflection.



Distance on line

Distance by triangulation

By return measurement

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

77.50 Wash, 40 lks. wide, 4 ft. deep, in bottom of canyon,
675 ft. below top of canyon, course N. 60°W.; thence
over bottom of canyon.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
the ground for cor. of secs. 21, 22, 27 and 28, with
brass cap marked

T43S	R11E
S 21	S 22
S 28	S 27

.. 1925

From which

A juniper, 8 ins. diam., brs. S. 79°W., 48 lks.
dist., marked T 43 S R 11 E S 28 B T.

No other suitable bearing tree available. Raise a mound
of stone, 3 ft. base, 2 ft. high W. of cor.

Land, rolling top of mesa and rough broken slopes.

Soil, shallow rocky, sandy loam; 3rd rate.

Timber, scrub juniper and pinon..

Undergrowth, black brush, shadscale, mountain rush and
yellow top.. Fair grazing.

S. 89° 58'E., on random line bet. secs. 22 and 27.

40.00 Set temp. 4 sec. cor.

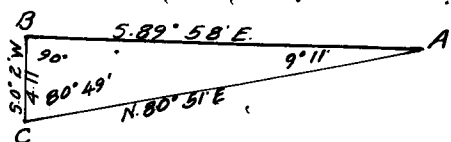
42.40 Line to the E. passes over inaccessible ledges, there-
fore I offset as follows:-

North, 2.96 chs. dist.; thence

To determine the distance to top of ledge to the East,
I set flag "A", S. 89° 58'E. on top of ledge on offset
line. Designate this point "B", and measure base line
"B-C", S. 0° 02'W., 4.11 chs. dist., whence line
"A-C" brs. N. 80° 51'E. Unable to obtain longer base
line on account of ledges. All bearings taken by
direct reading of the solar and angles checked by
deflection.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains



Distance on line = 42.40 chs.

Distance by triangulation = $\frac{25.42}{67.82}$ chs.

67.82 Top of ledge on offset line; thence by direct measurement on offset line.

80.00 Intersect N. and S. line, 9 lks. S. of the witness cor. to cor. of secs. 22, 23, 26 and 27, which is N. 0° 01' W., 2.96 chs. from true point; thence from wit. cor. S. 89° 58' W., on offset line through sec. 22. over rolling top of mesa, through medium dense timber and undergrowth.

12.18 Top of high ledge at point of triangulation. ledge brs.

N.W. and S. 80° E.; abrupt descent

36.25 Spring 50 lks. N. of line.

37.60 Offset South, 2.96 chs. dist. to true line bet. secs.

22 and 27; thence

S. 89° 58' W., on true line bet. secs. 22 and 27

Descend over broken SW. slope.

40.00 On broken SW. slope 740 ft. below top of ledges:

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

S 22
 $\frac{1}{4}$ ———
S 27

1926

Deposit a sandstone, 6 x 5 x 5 ins., marked with a cross (X) at base of post.

No other suitable accessories available.

61.50 Wash, 30 lks. wide, 10 ft. deep, course SW.

66.90 Trail, brs. NE. and SW.

76.10 Wash, 40 lks. wide, 4 ft. deep, in bottom of canyon, 200 ft. below $\frac{1}{4}$ sec. cor., course NW.; thence over bottom of canyon.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

80.00

The cor. of secs. 21, 22, 27 and 28.

Land, rough and mountainous.

Soil, shallow rocky, sandy loam; 3rd and 4th rate.

Timber, scrub juniper and pinon.

Undergrowth, black brush, shadscale, mountain rush and yellow top. Fair grazing.

S. 0° 02'E., bet. secs. 27 and 28.

Ascend over broken NE. slope, through a medium undergrowth.

37.53 At base of ledge, brs. NW. and SE.; 500 ft. above sec. cor.

Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap marked

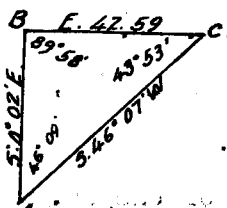
$\frac{1}{4}$
 S 28 | S 27.
 WC.
 1925

Deposit a sandstone, 9 x 8 x 6 ins., marked with a cross (X) at base of post.

40.00 Point for $\frac{1}{4}$ sec. cor., falls on inaccessible face of ledge. Cor. not set.

Line passes over high ledge over which chaining is impracticable. To determine the dist. to top of ledge I triangulate as follows:-

To obtain suitable base line I return to cor. of secs. 21, 22, 27 and 28, designated "B", and set flag "A", S. 0° 02'E., on line on top of ledge. From point "B", measure a base line, east, 42.59 chs. dist. to point "C", whence line "C-A", brs. S. 46° 07'W. All bearings taken by direct reading of the solar, and angles checked by deflection.



SUBDIVISION OF T. 43 S., R. 11 E.

Chains

Distance by triangulation = 40.94

- 40.94 To top of ledges and top of canyon, 1000 ft. above sec. cor., brs. NW. and SE.; thence over broken top of mesa, entering scrub timber, brs. NW. and S.
- 80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 27, 28, 33 and 34, with brass cap marked

T43S	R11E
S 28	S 27
S 33	S 34

1926

From which.

A juniper, 7 ins. diam., brs. N.61°30'E., 27 lks. dist., marked T 43 S R 11 E S 27 B T.

A pinon, 8 ins. diam., brs. S.42°30'E., 71 lks. dist., marked T 43 S R 11 E S 34 B T.

A pinon, 12 ins. diam., brs. S.8° 45'W., 13 lks. dist., marked T 43 S R 11 E S 33 B T.

A pinon, 9 ins. diam., brs. N. 44°W., 103 lks. dist., marked T 43 S R 11 E S 28 B T.

Land, rough and mountainous.

Soil, rocky, sandy loam; 3rd and 4th rate.

Timber, scrub juniper and pinon on S. portion of mile.

Undergrowth, black brush, shadscale, mountain rush and yellow top. Fair grazing.

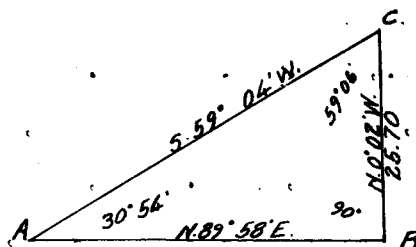
N. 89° 58'E., on random line bet. secs. 27 and 34.

- 37.19 Set temp. wit. cor. to 4 sec. cor. on top of high ledge. over which it is impossible to chain. To determine the dist. I triangulate as follows:-
- At point 37.08 chs. N. 89° 58'E., on random line, erect flag "A", and set flag "B", N. 89° 58'E., on line opposite cor. of secs. 26, 27, 34 and 35. From flag "B", measure base line, "B-C", N. 0° 02'W., 25.70 chs., dist. to point whence line "C-A". brs. N. 59° 04'W. All bearings taken by direct reading of

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

the solar and angles checked by deflection



Distance on line = 37.08 chs.

Distance by triangulation = $\frac{42.94}{80.02}$ chs.

80.02 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 26, 27, 34 and 35; thence

S. 89° 56' W., on true line bet. secs. 27 and 34.

Ascend rough and broken NE. slope, through medium dense timber and undergrowth.

40.01 Point for $\frac{1}{4}$ sec. cor. falls on inaccessible face of high ledge. Cor not set.

42.83 On top of ledge, 1000 ft. above sec. cor., brs. NW. and SE.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S\ 27}{S\ 34}$ WC

1926

From which

A pinon, 4 ins. diam., brs. N. 30° W., 70 lks. dist., marked WC $\frac{1}{4}$ S 27 B T.

A pinon, 4 ins. diam., brs. S. 6° 30' E., 66 lks. dist., marked WC $\frac{1}{4}$ S 34 B T.

Thence over broken top of mesa, entering scrub timber, brs. NW. and SE.

80.02 The cor. of secs. 27, 28, 33 and 34.

land, rolling top of mesa and mountainous.

Soil, shallow rocky, sandy loam. 3rd and 4th rate.

Timber, scrub juniper and pinon on W. option of mile.

Undergrowth, black brush and mountain rush.

Fair grazing.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

S. 0° 02'E., bet. secs. 33 and 34.

Over rolling top of mesa, through medium dense scrub timber and undergrowth.

- 40.00 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 33 | S 34
 1926

From which

A juniper, 6 ins. diam., brs. N.37°E., 74 lks.
dist., marked S 34 B T.

A juniper, 6 ins. diam., brs. N.31°30'W., 30 lks.
dist., marked S 33 B T.

- 45.00 Draw; course NE.

- 50.78 Intersect Utah-Arizona State Boundary Line, N. 89°39'E.,
12.54 chs. dist. from the 186th mile cor., heretofore described.

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for closing cor. of secs. 33 and 34, with brass cap marked

U
 CC
 T43S | R11E
 S 33 | S 34
 A
 1926

From which

A juniper, 6 ins. diam., brs. N. 37°E., 74 lks.
dist., marked T 43 S R 11 E S 34 CC BT.

A juniper, 6 ins. diam., brs. N.31°30'W., 30 lks.
dist., marked T 43 S R 11 E S 33 CC BT.

Land, rolling top of mesa.

Soil, shallow rocky, sandy loam; 3rd rate.

Timber, scrub juniper and pinon.

Undergrowth, black brush and mountain rush. Poor grazing.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

From witness cor. of secs. 4, 5, 32 and 33, which is 60 lks. E. of true point for cor. of secs. 4, 5, 32 and 33, described in the field notes of the survey of T. 42 S., R. 11 E.; thence

To pass ledge I offset as follows:

East, 2.30 chs. dist. to point 2.90 chs., E. of true point of cor. of secs. 4, 5, 32 and 33.

Thence

S. 0° 03'E., on offset line through sec. 4 to

10.00 Offset West, 2.90 chs. to true line bet. secs. 4 and 5.

Thence

S. 0° 03'E., bet. secs. 4 and 5, with continuous measurement.

Over rolling top of mesa, through medium dense timber and undergrowth.

10.50 Trail, brs. N. 60°E., and S. 60°W.

12.60 Indian Hogan, brs. W. 1.00 chs. dist.

39.70 Draw, 20 ft. deep, course NE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 5 | S 4
 1925

From which

A juniper, 5 ins. diam., brs. S. 40°E., 145 lks. dist., marked $\frac{1}{4}$ S 4 B T.

A juniper, 4 ins. diam., brs. S. 18°30'W., 158 lks. dist., marked $\frac{1}{4}$ S 5 B T.

77.00 Draw, 20 ft. deep, course SE.

80.00 Mark a cross (X) on solid surface rock, over which Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone, for cor. of secs. 4, 5, 8 and 9, with brass cap marked

T43S | R11E
 S 5 | S 4
 S 8 | S 9
 1925

From which

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

A juniper, 5 ins. diam., brs. N.70°30'E., 78 lks.
dist., marked "BT" only.

A juniper, 6 ins. diam., brs. S.63°45'E., 58 lks.
dist., marked "BT" only.

A juniper, 5 ins. diam., brs. S.81°45'W., 49 lks.
dist., marked "BT" only.

A juniper, 4 ins. diam., brs. N.57°15'W., 67 lks.
dist., marked "BT" only.

Trees too scrubby for full markings.

Land, rolling top of mesa.

Soil, shallow sand; 3rd rate.

Timber, scrub juniper and pinon.

Undergrowth, black brush and mountain rush.

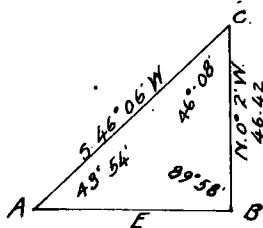
Poor grazing.

East, on random line bet. secs. 4 and 9.

31.73 Top of high ledge over which chaining is impracticable.

To determine the distance I triangulate as follows:-

Erect flag "A" at this point and set flag "B", east
on line at cor. of secs. 3, 4, 9 and 10. From flag
"B", measure a base line, N. 0° 02'W., 46.42 chs.,
dist. to point "C", from which point line "C-A",
brs. S. 46° 06'W. All bearings taken by direct
reading of the solar and angles checked by deflection.



Distance on line = 31.73 chs.

Distance by triangulation = 48.27 chs.

Distance by return measurement 80.00
40.00 chs.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

Thence by direct measurement

80.00 Intersect N. and S. line at the cor. of secs. 3, 4, 9
and 10; thence

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

West, on true line bet. secs. 4 and 9.

Descend broken W. slope, through medium undergrowth.

26.70 Piute Creek, stream of clear water, 10 lks. wide, 6 ins. deep, in bottom of canyon, 300 ft. below sec. cor., course NE.; ascend rough E. slope.

40.00 On broken E. slope, 540 ft. above creek,

Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in the ground on solid rock and 12 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

S 4

S 9

1925

Deposit a sandstone, 8 x 6 x 5 ins., marked with a cross (X) at base of post.

48.27 Top of mesa and ledge, 575 ft. above $\frac{1}{4}$ sec. cor., brs.

N. 15°E., and S. 15°W.; thence over rolling top of mesa, entering scrub timber, brs. N. 15°E., and S. 15°W.

77.00 Draw, 20 ft. deep, course SE.

80.00 The cor. of secs. 4, 5, 8 and 9.

Land, rolling mesa top and broken slopes.

Soil, shallow, rocky loam; 3rd and 4th rate.

Timber, scrub juniper and pinon on W. portion of mile.

Undergrowth, short black brush, mountain rush and shadscale. Poor grazing.

S. 0° 03'E., bet. secs. 8 and 9.

Ascend gradually over broken top of mesa, through medium dense timber and undergrowth.

26.00 Top of ascent, 140 ft. above sec. cor., brs. E. and W.; thence over rolling top.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S 8 | S 9

1925

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

From which

A pinon, 6. ins. diam., brs. N.56°30'E., 145 lks.

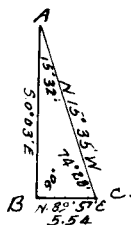
dist., marked $\frac{1}{4}$ S 9 B T.

A juniper, 12ins. diam., brs. N.17°30'W., 52 lks.

dist., marked $\frac{1}{4}$ S 8 B T.

60.10 Rim of mesa on top, of high ledge, brs. NE. and SW.;
abrupt descent over ledge over which it is impossible
to chain. To determine the distance I triangulate
as follows:-

Erect flag "A" at this point and set flag "B", S.0° 03'E
on line in bottom of canyon. From flag "B" measure
base line "B-C", N. 89° 57'E., 5.54 chs. to point
whence line "C-A" brs. N. 15°35'W. Longer base line
is impracticable the ledges making flag invisible.
All bearings taken by direct reading of the solar
and angles checked by deflection.



Distance on line = 60.10 chs.

Distance by triangulation = $\frac{19.93}{80.03}$ chs.

By return measurement $\frac{.03}{80.00}$ chs.

80.00 In bottom of Piute Canyon, 760 ft. below top of ledge.

Set an iron post, 3 ft. long, 2 ins. diam., 10 ins. in
the ground on solid rock and 20 ins. in a mound of
stone for cor. of secs. 8, 9, 16 and 17, with brass
cap marked.

T43S	R11E
S 8	S 9
S 17	S 16

1925

Deposit a sandstone, 6 x 5 x 5 ins., marked with a cross
(X) at base of post.

Land, rolling top of mesa and broken slopes.

SUBDIVISION OF T. 43 S. 2 E. 10 N.

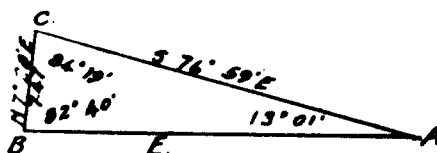
Chains

Soil, shallow and rocky; sandy loam; ~~and~~ ~~the~~ ~~area~~
 Timber, scrub juniper and pines. ~~rocky~~ ~~and~~ ~~the~~ ~~area~~
 Undergrowth, short black brush, mountain rush and ~~the~~ ~~area~~
 shadescale. Poor grazing.

East on random line bet. secs. 9 and 16.

2.46 Line to the east passes over high ledges and chaining is impracticable. To determine the distance I triangulate as follows from this point.

Set flag "A", east on line on top of ledge. Designate this point "B", from which I measure base line "B-C", N. $7^{\circ} 20' E.$, 7.47 chs. dist. Am unable to obtain longer base line on account of ledges. Line "C-A" bears S. $76^{\circ} 59' E.$ from point "C". All bearings taken by direct reading of the solar and angles checked by deflection.



Distance on line = 2.46 chs.

Distance by triangulation = $\frac{33.00}{35.46}$ chs.

35.46 On top of ledge at triangulation point; thence by direct measurement.

39.05 Set temp. point.

40.00 Point for temp. $\frac{1}{4}$ sec. cor. falls on face of ledge.

79.68 Intersect N. and S. line 19 lks. N. of the cor. of secs. 9, 10, 15 and 16; thence

N. $89^{\circ} 52' W.$, on true line bet. secs. 9 and 16.

Over rolling $\frac{1}{4}$ slope on top of mesa, through medium dense timber and undergrowth.

37.60 Rim of mesa, brs. NE. and SW.; abrupt descent over ledges.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

39.94 True point for $\frac{1}{4}$ sec. cor. on steep slope of ledge
Cor. not set.

40.83 At base of ledge, 30 ft. below top, brs. NE. and SW.
Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in
the ground on solid rock and 20 ins. in a mound of
stone for witness $\frac{1}{4}$ sec. cor. of secs. 9 and 16,
with brass cap marked

S 9
 $\frac{1}{4}$ — WC
S 16

1925

From which

A pinon, 3 ins. diam., brs. N. 33° 45' W., 10 lks.
dist., marked "BT".

A pinon, 12 ins. diam., brs. S. 20° 15' W., 152 lks.
dist., marked WC $\frac{1}{4}$ S 16 B T.

44.42 Top of high ledge at point of triangulation, brs. NE.
and SW.; abrupt descent.

76.00 Piute Creek, stream of clear water, 10 lks. wide, 4
ins. deep, in bottom of canyon, 875 ft. below top
of ledge, course N. 30° E.; thence over bottom of
canyon.

79.88 The cor. of secs. 8, 9, 16 and 17.

Land, rolling top of mesa and broken slopes.

Soil, shallow rocky, sandy loam; 3rd and 4th rate.

Timber, scrub juniper and pinon.

Undergrowth, black brush, mountain rush and shadscale.

Fair grazing.

S. 0° 03' E., bet. secs. 16 and 17.

Along bottom of Piute Canyon, through medium dense
undergrowth.

8.60 Piute Creek, stream of clear water, 10 lks. wide, 4
ins. deep, course N. 20° E.; thence along E. side of
canyon.

18.75 Recross Piute Creek, course NW.; ascend over broken
E. slope.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

40.00 On broken E. slope, 550 ft. above sec. cor., and 1 ch. E. of base of vertical ledge.

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 17 | S 16
 1925

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

45.00 Top of ascent, 60 ft. above $\frac{1}{4}$ sec. cor., slopes E.; descend SE. slope.

68.00 Foot of descent, 315 ft. below top, drains E.; ascend.

80.00 On broken SE. slope, 130 ft. above foot of descent. Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 16, 17, 20 and 21, with brass cap marked

T43S | R11E
 S 17 | S 16
 S 20 | S 21
 1925

Raise a mound of stone, 3 ft. base, 2 ft. high W. of cor.

Land, broken slope of canyon.

Soil; loose rocky, sandy loam; 3rd rate.

No timber.

Undergrowth, short black brush, mountain rush, yellow top and shadscale. Fair grazing.

S. 89° 52'E., on random line bet. secs. 16 and 21.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

Line to the E., passes over high ledges over which it is impossible to chain. To determine the dist.

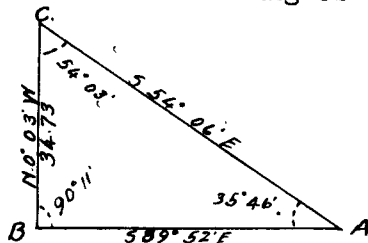
I triangulate as follows:-

There being no suitable place for base line from this point I return to the cor. of secs. 16, 17, 20 and 21, and set flag "A", S. 89° 52'E., on line at top of

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

ledge. Erect flag "B" at cor. of secs. 16, 17, 20 and 21 from which measure a base line, N. $0^{\circ} 03' W.$, 34.73 chs. dist. to point "C". From point "C", line "C-A" bears S. $54^{\circ} 06' E.$ All bearings taken by direct reading of the solar and angles checked by deflection



Distance by triangulation = 48.10 chs.

48.10 Point of triangulation; thence by direct measurement.

79.76 Intersect N. and S. line, 3 lks. S. of the cor. of secs. 15, 16, 21 and 22; thence

N. $89^{\circ} 53' W.$, on true line bet. secs. 16 and 21.

Over rolling top of mesa, through medium dense timber and undergrowth.

23.50 Rim of mesa, brs. N. $15^{\circ} E.$, and S. $15^{\circ} W.$, abrupt descent, leaving timber, brs. N. $15^{\circ} E.$, and S. $15^{\circ} W.$

31.63 Point of triangulation on top of high ledge, brs. N. $15^{\circ} E.$, and S. $15^{\circ} W.$; abrupt descent over ledge.

39.88 On broken NW. slope, 520 ft. below rim of mesa.

Mark a cross (X) on solid surface rock, over which Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S 16
 $\frac{1}{4}$
S 21

1925

61.00 Piute Creek, stream of clear water, 10 lks. wide, 4 ins. deep, in bottom of canyon, 360 ft. below $\frac{1}{4}$ sec. cor., course N.; ascend.

79.76 The cor. of secs. 16, 17, 20 and 21, 280 ft. above creek.

Land, rolling mesa and broken slopes.

Soil, shallow rocky, sandy loam; 3rd and 4th rate.

Timber, scrub juniper and pinon on E. portion of mile. Undergrowth, black brush and mountain rush. Poor grazing

74
SUBDIVISION OF T. 43 S., R. 11 E.

Chains

S. $0^{\circ} 03'E.$, bet. secs. 20 and 21.

Line to the S. follows along face of ledge over which it is impracticable to produce line, therefore to pass ledges I offset as follows:-

East, 15.00 chs.; thence

S. $0^{\circ} 03'E.$, on offset line, through sec. 21.

Along bottom of Piute Canyon, through medium undergrowth

6.25 Piute Creek, stream of clear water, 10 lks. wide, 4 ins. deep, course NE.

20.60 Recross Piute Creek, course NW.

40.00 Recross Piute Creek, course NE.

Thence Offset W., as follows:-

Line to west passes over ledges and chaining is impossible

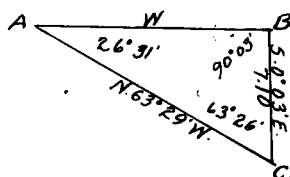
To determine the dist. I. triangulate as follows:

Set flag "A", west on top of ledge on shelf. Designate

this point "B", from which measure base line "B-C",

S. $0^{\circ} 03'E.$, 7.10 chs. dist. Line "C-A" brs. N. 63°

$29'W.$ All bearings taken by direct reading of the solar and angles checked by deflection.



Distance by triangulation = 14.22 chs.

Offset W., 14.22 chs. dist. to point 78 lks. E. of true point for $\frac{1}{4}$ sec. cor., on shelf of ledge, 200 ft. high.

Mark a cross (X) on solid surface rock, over which

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone for witness cor. of $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 WC S 20 | S 21

1925

40.00 True point for $\frac{1}{4}$ sec. cor. falls on inaccessible face of ledge. Cor not set.

Thence from point 15.00 chs. E. of true point for. $\frac{1}{4}$

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

sec. cor.

S. $0^{\circ} 03'E.$, on offset line through sec. 21 with continuous measurement.

43.00 Recross Piute Creek, course NW.

67.00 Recross Piute Creek, course NE.

80.00 Offset W., 15.00 chs. dist. to true point for cor. of secs. 20, 21, 28 and 29.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 20, 21, 28 and 29, with brass cap marked

T43S	R11E
S 20	S 21
S 29	S 28

1925

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high W. of cor.

Land, rough and mountainous.

Soil, loose rocky, sandy loam; 3rd and 4th rate.

No timber.

Undergrowth, black brush, shadscale, mountain rush and yellow top. Fair grazing.

S. $89^{\circ} 53'E.$, on random line bet. secs. 21 and 28.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.68 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 21, 22, 27 and 28; thence

N. $89^{\circ} 55'W.$, on true line bet. secs. 21 and 28

Ascend NE. slope, through medium undergrowth.

29.00 Top of ascent, 150 ft. above sec. cor., slopes N.; thence along broken N. slope.

39.84 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

S 21
$\frac{1}{4}$
S 28

1925

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high N. of

SUBDIVISION OF T. 43 S., R. 11 E.

Chains	
52.00	Descend broken NW. slope.
68.30	Piute Creek, stream of clear water, 10 lks. wide, 4 ins. deep, in canyon, 160 ft. below $\frac{1}{4}$ sec. cor., course N. 30° E.; ascend broken E. slope.
79.68	The cor. of secs. 20, 21, 28 and 29, 90 ft. above creek. Land, mountainous. Soil, loose rocky, sandy loam; 3rd rate. No timber. Undergrowth, short black brush, mountain rush, yellow top and shadscale. Fair grazing.
	S. 0° 03' E., bet. secs. 28 and 29.
	Descend broken E. slope, through medium undergrowth.
6.40	Piute Creek, stream of clear water, 10 lks. wide, 4 ins. deep, in canyon 70 ft. below sec. cor., course NE.; Ascend along W. slope.
21.00	Top of ascent, 200 ft. above creek, slopes W.; thence along broken W. slope.
37.00	Two Indian Hogans, brs. E. 2.00 chs. dist. from this point.
40.00	On E. side of Piute Canyon.
	Set an iron post, 3 ft. long, 1 in. diam., 20 ins. in the ground on solid rock and 10 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \frac{1}{4} \\ \hline S\ 29 \mid S\ 28 \\ 1925 \end{array}$
	Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high W. of cor.
	Thence along bottom of canyon.
53.40	Bend in Piute Creek, stream of clear water, 10 lks. wide 4 ins. deep, course NW. from the SW.
66.00	Wash, 20 lks. wide, 6 ft. deep, course W.
80.00	Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for cor. of secs. 28, 29, 32 and 33, with brass cap marked

SUBDIVISION QF. T. 43 S., R. 11 E.

Chains

T43S	R11E
S 29	S 28
S 32	S 33

1925

Raise a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high W. of cor.

Land, mountainous.

Soil, loose rocky, sandy loam; 3rd rate.

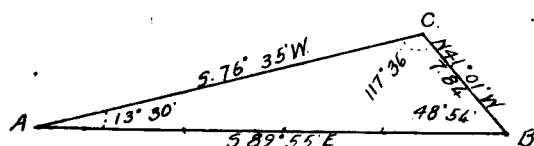
No timber.

Undergrowth, short black brush, mountain rush, yellow top and shadscale. Fair grazing.

S. $89^{\circ} 55'E.$, on random line bet. secs. 28 and 33.

4.50 Line, to the east passes over high ledges and chaining is impracticable. To determine the dist. I triangulate as follows from this point.

Erect flag "A" at this point and set flag "B", S. $89^{\circ} 55'E.$, on line on top of ledge. From flag "B", measure base line "B-C", N. $41^{\circ} 01'W.$, 7.84 chs. dist., whence line "C-A", bears S. $76^{\circ} 35'W.$ All bearings taken by direct reading of the solar and angles checked by deflection.



Distance on line = 4.50 chs.

Distance by triangulation = $\frac{29.76}{34.26}$ chs.

34.26 Triangulation point on top of ledge; thence by direct measurement.

40.00 Set temp. & sec. cor.

79.74 Intersect N. and S. line, 3 lks. N. of the cor. of secs. 27, 28, 33 and 34; thence

N, $89^{\circ} 54'W.$, on true line bet. secs. 28 and 33.

Over rolling top of mesa, through medium dense timber and undergrowth.

SUBDIVISION OF T. 43 S., R. 11 N.

Chains

39.87 Set an iron post, 3 ft. long, 1 in. diam., 10 ins. in the ground on solid rock and 20 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ S 28
S 33

1926

From which

A pinon, 9 ins. diam., brs. N.62°30'W., 46 lks. dist., marked $\frac{1}{4}$ S 28 B T.

A juniper, 10 ins. diam., brs. S.39°30'E., 107 lks dist., marked $\frac{1}{4}$ S 33 B T.

45.48 Rim of mesa, brs. N. and S.; abrupt descent leaving timber, brs. N. and S.

79.74 The cor. of secs. 28, 29, 32 and 33, 510 ft. below rim of mesa.

Land, rolling top of mesa and broken slopes.

Soil, shallow rocky, sandy loam; 3rd and 4th rate.

Timber, scrub juniper and pinon on E. portion of mile

Undergrowth, short black brush, mountain rush and shadscale.. Fair grazing.

S. 0° 03'E., bet. secs. 32 and 33.

Along E. side of Piute Canyon, through scattering scrub timber and medium undergrowth.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
S 32 | S 33

1925

Raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high W. of cor.

47.80 Piute Creek, stream of clear water, 10 lks. wide, 4 ins. deep, course NW.; thence along W. side of canyon.

51.46 Intersect the Utah-Arizona State Boundary Line, N. 89° 40'E., 13.81 chs. dist. from the 185th mile cor., heretofore described.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

At point of intersection.

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in the ground for closing cor. of secs. 32 and 33, with brass cap marked

U	
CC	
T43S	R11E
S 32	S 33

A

1925

From which

A cottonwood, 12 ins. diam., brs. N. 28° 15' E., 259 lks. dist., marked T 43 S R 11 E S 33 CC BT.

A juniper, 5 ins. diam., brs. N. 60° 15' W., 186 lks. dist., marked T 43 S R 11 E S 32 CC BT.

Land, mountainous.

Soil, loose rocky, sandy loam; 3rd rate.

Timber, very scattering scrub juniper and pinon. Few cottonwood trees along Piute Creek.

Undergrowth, short black brush, mountain rush, yellow top and shadscale. Fair grazing.

From the cor. of secs. 5, 6, 31 and 32, on N. bdy. of Tp., described in the field notes of the survey of T. 42 S., R. 11 E.; thence

S. 0° 03' E., bet. secs. 5 and 6.

Over rolling top of mesa, through medium dense short undergrowth.

9.20 Enter very scattering scrub timber, brs. NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in the ground for 1/4 sec. cor., with brass cap marked

4	
S 6	S 5

1925

Deposit a sandstone, 9 x 5 x 5 ins., marked with a cross (X) at base of post.

No other suitable accessories available.

SURDIVISION OF T. 43 S., R. 11 E.

Chains

50.00 Draw, 10 ft. deep, course E.; trail in draw, brs.
NE. and SW.

20.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in
the ground for cor. of secs. 5, 6, 7 and 8, with
brass cap marked

T43S	R11E
S 6	S 5
S 7	S 8

1925

Deposit sandstone, 8 x 5 x 4 ins., marked with a
cross (X) at base of post.

No other suitable accessories available.

Land, rolling top of mesa.

Soil, shallow sandy loam; 3rd rate.

Timber, few scattering scrub juniper and pinon on
portion of mile.

Undergrowth, short black brush and mountain rush.
Fair grazing.

East, on random line bet. secs. 5 and 8.

40.00 Set temp. 1/4 sec. cor.

10.00 Intersect N. and S. line 3 lks. S. of the cor. of secs.
4, 5, 8 and 9; thence

S. 89° 59' W., on true line bet. secs. 5 and 8.

Over rolling top of mesa, through very scattering timber
and median undergrowth.

30.00 Draw, 10 ft. deep, course NE.

30.95 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in
the ground for 1/4 sec. cor., with brass cap marked

S 5
1/4
S 8

1925

Deposit a sandstone, 7 x 6 x 5 ins., marked with a
cross (X) at base of post.

No other suitable accessories available.

79.90 The cor. of secs. 5, 6, 7 and 8.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

Land, rolling top of mesa; drainage NE.
Soil, shallow sandy loam; 2nd and 3rd rate.
Timber, very scattering scrub juniper and pinon.
Undergrowth, short black brush and mountain rush.
Fair grazing.

West, on random line bet. secs. 6 and 7.

40.00 Set temp. & sec. cor.

78.00 Intersect the W. bdy. of Tp. at cor. of secs. 1, 6, 7
and 12, heretofore described; thence

East, on true line bet. secs. 6 and 7.

Over rolling top of mesa, through scattering timber
and medium dense undergrowth.

7.10 Wash, 30 lks. wide, 10 ft. deep, course NE.

18.80 Ledge, 40 ft. high, brs. N. and S.

29.00 Ledge, 40 ft. high, brs. NE. and SW.

38.00 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
the ground for & sec. cor., with brass cap marked

3 6
+
S 7

1925

From which

A juniper, 16 ins. diam., brs. N. 32° E., 90 lks.
dist., marked & S 6 B T.

A juniper, 22 ins. diam., brs. S. 36° E., 70 lks.
dist., marked & S 7 B T.

42.30 Base of ledge, brs. NW. and SE.; ascend.

43.50 Top of ledge and spur, 40 ft. high, projects NE.; desc.

55.30 Wash, 20 lks. wide, 4 ft. deep, 50 ft. below spur,
course NE.; thence over rolling land.

66.50 Trail, brs. N. and S.

78.00 The cor. of secs. 5, 6, 7 and 8.

Land, rolling top of mesa; drainage NE.

Soil, shallow sandy loam; 3rd rate.

Timber, scattering scrub juniper and pinon.

Undergrowth, black brush and mountain rush. Poor grazing

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

S. 0° 03'E., bet. secs. 7 and 8.

Over rolling top of mesa, through scattering scrub
timber and medium dense undergrowth.

Ascend gradually.

25.40 Top of ascent, 70 ft. above sec. cor., brs. E. and W.;
descend gradually.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 18 ins. in
the ground on solid rock and 12 ins. in a mound of
stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$

S 7	S 8
1925	

From which

A juniper, 3 ins. diam., brs. S. 10°30'E., 366 lks
dist., marked "BT".

A juniper, 4 ins. diam., brs. S. 32°45'W., 120 lks.
dist., marked "BT".

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in
the ground for cor. of secs. 7, 8, 17 and 18, with
brass cap marked

T43S	R11E
S 7	S 8
S 18	S 17
1925	

Deposit a sandstone, 6 x 4 x 4 ins., marked with a
cross (X) at base of post.

No other suitable accessories available.

Land, rolling top of mesa.

Soil, shallow sandy loam; 3rd rate.

Timber, scattering scrub juniper and pinon.

Undergrowth, black brush, mountain rush and yellow top.

Fair grazing.

N. 89° 59'E. on random line bet. secs. 8 and 17.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

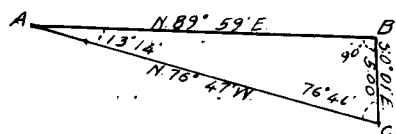
62.34 Rim of mesa and top of high ledge over which chaining

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

is impracticable. To determine the distance I triangulate as follows:-

Erect flag "A" at this point and set flag "B" N. 89° 59'E., on line. From flag "B", measure base line "B-C", S. 0° 01'E., 5.00 chs., dist. to point from which line "C-A". bears N. 76° 47'W. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance on line	= 62.34 chs.
Distance by triangulation	= <u>21.26</u> chs.
	83.60
Distance by return measurement	= <u>3.76</u> chs.
	79.84

- 79.84 Intersect N. and S. line, 19 lks. S. of the cor. of secs. 8, 9, 16 and 17; thence S. 89° 51'W., on true line bet. secs. 8 and 17. Ascend broken SE. slope, through scattering timber and medium dense undergrowth.
- 17.50 Rim of canyon, and top of ledges at point of triangulation, 875 ft. above sec. cor., brs. N. 30°E., and S. 30°W.; thence over rolling top of mesa.
- 39.92 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$$\frac{1}{4} \frac{S \ 8}{S \ 17}$$

1925

From which

A pinon, 8 ins. diam., brs. N. 35° 45'W., 325 lks. dist., marked $\frac{1}{4}$ S 8 B T.

A juniper, 6 ins. diam., brs. S. 36° 30'E., 106 lks. dist., marked $\frac{1}{4}$ S 17 B T.

- 79.84 The cor. of secs. 7, 8, 17 and 18.

Land, rolling top of mesa and broken slopes.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

Soil, shallow sandy loam; 3rd rate.
 Timber, scattering scrub juniper and pinon.
 Undergrowth, sage and black brush, mountain rush and
 yellow top. Fair grazing.

West, on random line bet. secs. 7 and 18.

40.00 Set temp. & sec. cor.

78.10 Intersect the W. bdy. of Tp., 14 lks. S. of the true
 point for cor. of secs. 7, 12, 13 and 18, which is
 70 lks. S. of the wit. cor., hereto fore described.

Thence from true point of cor. of secs. 7, 12, 13 and 18
 S. $89^{\circ} 54' E.$, on true line bet. secs. 7 and 18.

Over rolling top of mesa, through scattering scrub
 timber and medium dense undergrowth.

8.10 Wash, 40 lks. wide, 30 ft. deep, course NE.

20.70 Recross wash, course SE.

31.00 Recross wash, course NE.

33.90 Recross wash, course SE.

38.10 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
 the ground for & sec. cor., with brass cap marked

$$\begin{array}{r} S\ 7 \\ \hline S\ 18 \end{array}$$

1925

From which.

A juniper, 6 ins. diam., brs. N. $14^{\circ} 30' W.$, 232 lks.
 dist., marked "BT" only. Tree too scrubby for
 additional markings.

No other suitable bearing tree available. Deposit a
 sandstone, 9 x 8 x 6 ins., marked with a cross (X) at
 base of post.

64.30 Trail, brs. N. and S.

78.10 The cor. of secs. 7, 8, 17 and 18.

Land, rolling mesa.

Soil, shallow sandy loam; 3rd rate.

Timber, scattering scrub juniper and pinon.

Undergrowth, black brush and yellow top. Fair grazing.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

S. $0^{\circ} 03'E.$, bet. secs. 17 and 18.

Over rolling top of mesa, through medium dense timber and undergrowth.

13.00 Trail, brs. NE. and SW.

24.20 Rim of box canyon, brs. NE. and SW.; abrupt descent over high ledge over which it is impossible to chain. To determine the distance across canyon I triangulate as follows:-

Set flag "A", S. $0^{\circ} 03'E.$, on line on S. rim of canyon.

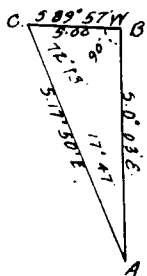
Designate this point "B" from which measure a base

line, "B-C", S. $89^{\circ} 57'W.$, 5.00 chs. dist. to point

from which line "C-A" bears S. $17^{\circ} 50'E.$ All bearings

taken by direct reading of the solar and angles

checked by deflection.



Distance on line = 24.20 chs.

Distance by triangulation = $\frac{15.59}{39.79}$ chs.

Approximate topography.

34.00 Bottom of box canyon, 300 ft. deep, coarse M.; abrupt ascent over ledges.

39.79 Point of triangulation on rim of canyon, brs. NE. and SW.; thence over rolling mesa.

40.00 On solid surface rock mark a (x), over which

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked

S 18 317
1925

From which

A pinon, 12 ins. diam., brs. N. $71^{\circ} 15'E.$, 44 lks. dist., marked $\frac{1}{4}$ S 17 B T.

Chains

A juniper, 6 ins. diam., brs. S. 83° 30' W., 121
dist., marked $\frac{1}{2}$ S 18 B T.
80.00 Set an iron post, 3 ft. long, 2 ins. diam., 8 ins. in
the ground on solid rock and 24 ins. in a mound of
stone for cor. of secs. 17, 18, 19 and 20, with brass
cap marked

T43S	R11E
S 18	S 17
S 19	S 20

1925

From which

A juniper, 20 ins. diam., brs. N. 34° 15' E., 217 lks.
dist., marked T 43 S R 11 E S 17 B T.
A juniper, 8 ins. diam., brs. S. 4° E., 47 lks.
dist., marked T 43 S R 11 E S 20 B T.
A pinon, 16 ins. diam., brs. S. 56° 30' W., 240 lks.
dist., marked T 43 S R 11 E S 19 B T.
A pinon, 20 ins. diam., brs. N. 38° W., 46 lks.
dist., marked T 43 S R 11 E S 18 B T.

Land, rolling mesa, broken by deep canyon.

Soil, shallow sandy loam; 3rd rate.

Timber, scrub juniper and pinon.

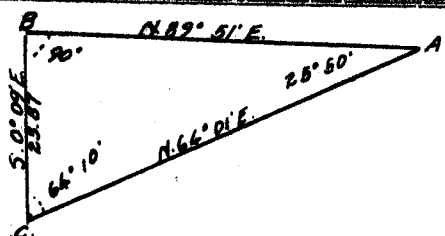
Undergrowth, short black brush and mountain rush.

Pasture grazing.

N. 89° 51' E., on random line bet. secs. 17 and 20.

22.75 Aim of box canyon over which it is impossible to chain.

To determine the distance I triangulate as follows:-
There being no suitable place for base line at this
point I return to cor. of secs. 17, 18, 19 and 20,
designated "B", and set flag "A", N. 89° 51' E., on
line on N. side of canyon, then measure base line
"B-C", S. 0° 09' E., 23.87 chs. dist. to point from
which line "C-A", bears N. 64° 01' E. All bearings
taken by direct reading of the solar and angles
checked by deflection.



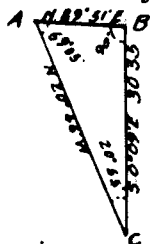
Distance by triangulation = 49.30 chs.

By return measurement = $\frac{3.48}{45.82}$ chs.

45.82 Set temp. wit. cor. to $\frac{1}{4}$ sec. cor.

68.28 Rim of Hute canyon and top of high ledge over which chaining is impossible. To determine the dist. I triangulate as follows:-

Erect flag "A" at this point and set flag "B", N. 89° 51'E., on line opposite cor. of secs. 16, 17, 20 and 21. From flag "B", measure base line "B-C", S. 0° 09'E., 30.35 chs. dist., whence line "C-A", bears N. 20° 40'W. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance on line = 68.28 chs.

Distance by triangulation = $\frac{11.60}{79.88}$ chs.

79.88 Intersect N. and S. line, 12 lbs. N. of the cor. of secs. 16, 17, 20 and 21; thence

S. 89° 56'W., on true line bet. secs. 17 and 20.

Abrupt ascent over broken N. slope, through medium dense undergrowth.

11.60 Top of canyon, 620 ft. above sec. cor., brs. N. and S.; thence over rolling land, entering scrub timber, brs. N. and S.

30.58 Triangulation point on rim of canyon, brs. N. 30°E., and S. 30°W.; abrupt descent.

34.06 On top of high ledge, brs. N. and S.

Mark a cross (X) on solid surface rock over which

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in mound of stone for witness cor. of $\frac{1}{4}$ sec. cor., with

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

brass cap marked

WC $\frac{1}{4}$ $\frac{S\ 17}{S\ 20}$

1925

from which

A pinon, 12 ins. diam., brs. N.64°45'W., 48 lks.
dist., marked WC $\frac{1}{4}$ S 17 B T.

A pinon, 10 ins. diam., brs. S.52°30'E., 93 lks.
dist., marked WC $\frac{1}{4}$ S 20 B T.

39.94 Point for $\frac{1}{4}$ sec. cor. on face of ledge. Cor not set.
Approx. top.

44.00 Bottom of box canyon, 600 ft. deep, course NE.; abrupt
ascent over ledges.

57.13 Rim of canyon, brs. NE. and SW.; thence over rolling
mesa, by direct measurement.

79.88 The cor. of secs. 17, 18, 19 and 20.

land, rolling mesa and deep canyons.

Soil, shallow rocky, sandy loam; 3rd and 4th rate.

Timber, scrub juniper and pinon on portion of mile.

Undergrowth, short black rush, mountain rush and yellow
top; fair grazing.

N. 89° 54'W., on random line bet. secs. 18 and 19.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

78.16 Intersect the W. bdy. of Tp., 3 lks. N. of the cor. of
secs. 13, 18, 19 and 24, heretofore described; thence
S. 89° 55'E., on true line bet. secs. 18 and 19.

Over rolling top of mesa, through medium dense timber
and undergrowth.

81.30 Ledge, 10 ft. high, brs. NE. and SW.

86.70 Wash, 30 lks. wide, 1 ft. deep, course N. 15°E.

88.16 Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$ $\frac{S\ 18}{S\ 19}$

1925

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

From which

A pinon, 10 ins. diam., brs. N.78°15'E., 206 lks.
dist., marked $\frac{1}{4}$ S 18 B T.

A pinon, 5 ins. diam., brs. S.73°45'E., 163 lks.
dist., marked $\frac{1}{4}$ S 19 B T.

78.16 The cor. of secs. 17, 18, 19 and 20.

Land, rolling top of mesa.

Soil, shallow sandy loam; 3rd rate.

Timber, scrub juniper and pinon.

Undergrowth, black brush and mountain rush.

Fair grazing.

S. 0° 03'E., bet. secs. 19 and 20.

Over rolling mesa land, through medium dense timber
and undergrowth.

24.80 Rim of deep, canyon, brs. NE. and SW.; abrupt descent.

37.06 On top of ledge on broken slope of canyon, 280 ft.
below top.

Mark a cross (X) on solid surface rock over which

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
mound of stone for witness cor. to $\frac{1}{4}$ sec. cor., with
brass cap marked

$\frac{1}{4}$
S. 19 | S 20
W | C
1925

No suitable bearing trees available.

40.00 Point for $\frac{1}{4}$ sec. cor. falls on inaccessible face of
ledge. Cor. not set.

From the wit. cor. to $\frac{1}{4}$ sec. cor., line passes over
ledges over which chaining is impracticable. To
determine the distance across canyon I triangulate
as follows:-

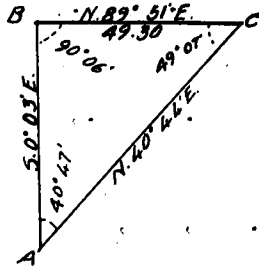
Set flag "A", S. 0° 03'E., on line on S. rim of canyon.

Designate cor. of secs. 17, 18, 19, and 20, "B", and
flag set N. 89° 51'E., 49.30 chs. "C". From flag "A"
line "A=C". bears N. 40° 44'E. All bearings taken by

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

direct reading of the solar and angles checked by deflection.



Distance by triangulation. = 57.06 chs.

Approximate topography.

- 42.00 Stream of clear water, 2 lks. wide, 1 in. deep, in canyon, 600 ft. deep, course NE.; abrupt ascent over ledges.
- 57.06 Top of canyon, brs. NE. and SW.; thence over rolling top of mesa by direct measurement.
- 80.00 Mark a cross (X) on solid surface rock, over which Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in mound of stone for cor. of secs. 19, 20, 29 and 30, with brass cap marked

T43S	R11E
S 19	S 20
S 30	S 29

1925

From which

- A pinon, 8 ins. diam., brs. N.57°15'E., 52 lks. dist., marked T 43 S R 11 E S 20 B T.
- A pinon, 12 ins. diam., brs. S.47°30'E., 45 lks. dist., marked T 43 S R 11 E S 29 B T.
- A pinon, 6 ins. diam., brs. S.28°30'W., 44 lks. dist., marked "BT" only. Tree too scrubby for additional markings..
- A pinon, 10 ins. diam., brs. N.35°15'W., 18 lks. dist., marked T 43 S R 11 E S 19 B T.

Land, rolling mesa cut by deep canyons.

Soil, shallow rocky, sandy loam; 3rd and 4th rate.

Timber, scrub juniper and pinon..

Undergrowth, black brush, mountain rush and shadscale.

Fair grazing..

SUBDIVISION OF T. 43 S., R. 11 E.

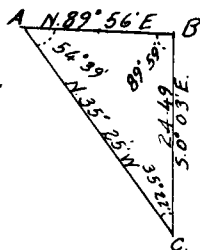
Chains

N. 89° 56'E., on random line bet. secs. 20 and 29.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

62.58 Rim of Piute Canyon, and top of high ledge over which chaining is impracticable. To determine the distance I triangulate as follows:-

Erect flag "A" at this point and set flag "B", N. 89° 56'E., on line opposite cor. of secs. 20, 21, 28 and 29. From flag "B", measure base line "B-C", S. 0° 03'E., 24.49 chs. dist. to point from which line "C-A", brs. N. 35° 25'W. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance on line = 62.58 chs.

Distance by triangulation = $\frac{17.38}{79.96}$ chs.

79.96 Intersect N. and S. line, 3 lks. S. of the cor. of secs. 20, 21, 28 and 29; thence

S. 89° 55'W., on true line bet. secs. 20 and 29.

Abrupt ascent over broken E. slope, through medium dense timber and undergrowth.

17.38 Point of triangulation on top of ledge and rim of Piute Canyon, 710 ft. above sec. cor., brs. N. and S.; thence over rolling top of mesa.

39.98 Mark a cross (X) on solid surface rock, over which Set an iron post, 3 ft. long, 1-in. diam., 30 ins. in a mound of stone, for $\frac{1}{4}$ sec. cor., with brass cap marked.

S 20
 $\frac{1}{4}$
S 29

1925

From which

A juniper, 8 ins. diam., brs. N. 23°W., 134 lks.

Chains

dist., marked $\frac{1}{2}$ S 20 E T.

A pinon, 6 ins. diam., brs. S. 25° 15' W., 25 chs.

dist., marked $\frac{1}{2}$ S 20 E T. 84.2

79.96 The cor. of secs. 19, 20, 29 and 30.

Land, rolling and rough broken slopes.

Soil, shallow rocky, sandy loam; 3rd and 4th rate.

Timber, scrub juniper and pinon.

Undergrowth, short black brush, mountain rush and
shadscale. Fair grazing.

N. 26° 55' W., on random line bet. secs. 19 and 30.

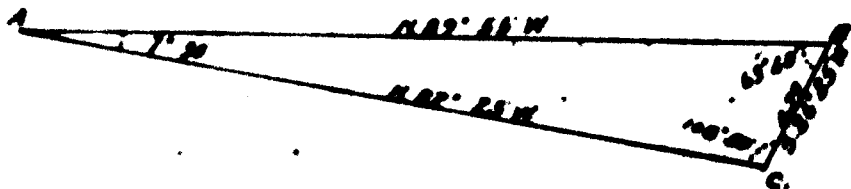
6.31 Km of box canyon, over which chaining is impracticable.

To determine the dist. I triangulate as follows;

Set flag "A", N. 29° 55' W., on line on opposite side of
canyon, and designate this point "B". From point "B"
measure base line "B-C", S. 26° 25' W., 4.79 chs.

dist. to point from which line "C-A" brs. N. 62° 25' W.
Unable to obtain longer base line on account of ledges

All bearings taken by direct reading of the solar and
angles checked by deflection.



Distance on line • 6.31 chs.

Distance by triangulation • $\frac{14.73}{41.04}$ chs.

41.04 Set comp. going for wit. cor. to 3 sec. cor.

Thence by direct measurement.

79.32 Intersect 4. bay. of Twp. 9 lbs. S. of the cor. of secs.

19, 24, 29 and 30, heretofore described; thence

S. 26° 51' E., on true line bet. secs. 19 and 30,

over rolling top of mesa, through medium dense timber
and undergrowth.

22.00 Km of canyon, brs. N. 25° 15' W., 25 chs. across
22.00 slope.

27.00 On top of ledge. 200 ft. below top of canyon.

SUBDIVISION OF T. 43 S., R. 11 E.

Mark a cross on solid surface rock, over which
Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in
a mound of stone, for witness cor. to $\frac{1}{4}$ sec. cor.,
with brass cap marked

S. 19
 $\frac{1}{4}$ WC
S 30

1925

From which

A pinon, 8 ins. diam., brs. N. 56° 45' W., 68 lks.
dist., marked WC $\frac{1}{4}$ S. 19 B T.

A pinon, 6 ins. diam., brs. S. 84° 15' W., 217 lks.
dist., marked "BT" only. Tree too scrubby
for additional markings.

Approx. topeg.

Abrupt descent over ledges.

38.32 Point for $\frac{1}{4}$ sec. cor. on face of inaccessible ledge.
Cor. not set.

43.00 Bottom of canyon, 600 ft. deep, course NE.; Trail in
canyon, brs. NE. and SW.; abrupt ascent over ledges.

72.01 Top of canyon, brs. NE. and SW.; thence over rolling
top of mesa, by direct measurement.

78.32 The cor. of secs. 19, 20, 29 and 30.

Land, rolling mesa, cut by deep canyons.

Soil, shallow rocky, sandy loam; 3rd and 4th rate.

Timber, scrub juniper and pinon.

Undergrowth, short black brush, mountain rush and
yellow top; Fair grazing.

S. 0° 03' E., bet. secs. 29 and 30.

Over rolling NW. slope on top of mesa, through medium
dense timber and undergrowth.

25.00 Slope changes to gentle SE. slope.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 28 ins. in
the ground for $\frac{1}{4}$ sec. cor., with brass cap marked

SUBDIVISION OF T. 43 S., R. 31 E.

Chains

$\frac{1}{4}$
 S 30 | S. 29
 1925

From which

A juniper, 10 ins. diam., brs. N.16°30'W., 63 lks.
dist., marked $\frac{1}{4}$ S 30 E T.

A juniper, 6 ins. diam., brs. N.11°45'E., 49 lks.
dist., marked "BT" only. Tree too scrubby
for additional markings.

45.10 Draw, 10 ft. deep, course NE.; thence over gentle NW.
slope.

70.00 Slope changes from NW. to gentle SW. slope.

80.00 Set an iron post, 3 ft. long, 2 ins. diam., 28 ins. in
the ground for cor. of secs. 29, 30, 31 and 32, with
brass cap marked

T43S R11E
 S 30 | S 29
 S 31 | S 32.
 1925

From which

A juniper, 5 ins. diam., brs. N.11°15'E., 106 lks.
dist., marked "BT" only.

A juniper, 6 ins. diam., brs. S.54°30'E., 46 lks.
dist., marked "BT" only.

A juniper 5 ins. diam., brs. S.43°15'W., 83 lks.
dist., marked "BT" only.

A juniper, 7 ins. diam., brs. N.60°30'W., 134 lks.
dist., marked "BT" only.

Trees too scrubby for additional markings.

Land, rolling top of mesa.

Soil, shallow sandy loam; 3rd rate.

Timber, scrub juniper and pinon.

Undergrowth, short black brush and mountain rush.

Fair grazing.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

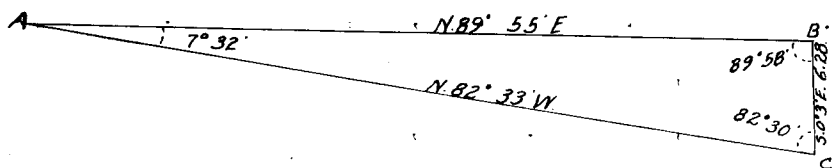
N. 89° 55'E., on random line bet. secs. 29 and 32.

32.43 Top of high ledge over which chaining is impracticable.

Set temp. wit. cor. to $\frac{1}{4}$ sec. cor.

To determine the distance over ledge, I triangulate as follows:-

Erect flag "A" at this point and set flag "B", N. 89° 55'E. on line. From flag "B", measure base line "B-C", S. 0° 03'E., 6.28 chs. dist. to point from which line "C-A", brs. N. 82° 33'W. On account of ledges was unable to obtain longer base line. All bearings taken by direct reading of the solar and angles checked by deflection.



Distance on line = 32.43 chs.

Distance by triangulation = $\frac{47.49}{79.92}$ chs.

79.94 Intersect N. and S. line, 9 lks. S. of the cor. of secs. 28, 29, 32 and 33; thence

S. 89° 51'W., on true line bet. secs. 29 and 32.

Descend gradually over bottom of Piute Canyon, through medium dense undergrowth.

Approximate dist. to topog.

6.00 Piute Creek, stream of clear water, 10 lks. wide, 4 ins. deep, course N.; abrupt ascent over ledges, entering scrub timber.

39.97 Point for $\frac{1}{4}$ sec. cor. falls on inaccessible face of high ledge. Cor. not set.

47.51 Point of triangulation, on top of ledge, 700 ft. above sec. cor., hrs. N. and S.

Mark a cross on solid surface rock, over which

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in a mound of stone for witness cor. to $\frac{1}{4}$ sec. cor., with brass cap marked

Chains

S 29 $\frac{1}{2}$ WC
S 32 $\frac{1}{2}$ WC

1925

From which

A juniper, 8 ins. diam., brs. N. 89° 30' E., 76 lbs.

dist., marked WC $\frac{1}{2}$ S 29 B.T.

A pinon, 6 ins. diam., brs. S. 18° 45' W., 65 lbs.

dist., marked WC $\frac{1}{2}$ S 32 B.T.

By direct measurement,

Ascend over broken E. slope.

57.00 Top of mesa, 210 ft. above wit. $\frac{1}{2}$ sec. cor., brs. N. and S., thence over rolling mesa.

79.94 The cor. of secs. 29, 30, 31 and 32.

Land, rough and broken slopes and rolling top of mesa.

Soil, shallow, rocky, sandy loam; 3rd and 4th rate.

Timber, scrub juniper and pinon on portion of mile.

Undergrowth, short black brush and mountain rush.

Fair grazing.

N. 89° 51' W., on random line bet. secs. 30 and 31.

40.00 Point falls on face of ledge.

40.14 Set temp. wit. $\frac{1}{2}$ sec. cor.

58.64 Abrupt descent over ledges over which chaining is impracticable. To determine the distance, I triangulate as follows:-

Designate this point "A", and set flag "B", N. 89° 51' W. on line opposite cor. of secs. 25, 30, 31 and 36. From flag "B" measure base line "B-C", N. 0° 09' E., 10.75 chs., dist. to point from which line "C-A", brs. S, 61° 12' E. All bearings taken by direct reading of the solar and angles checked by deflection.



SUBDIVISION OF T. 43 S., R. 11 E.

Chains

Distance on line = 58.64 chs.

Distance by triangulation = $\frac{19.68}{78.32}$ chs.

76.32 Intersect W. bdy. of Tp., 5 lks. N. of the cor. of secs. 25, 30, 31 and 36, heretofore described; thence S. 89° 53' E., on true line bet. secs. 30 and 31.

Ascend over rough NW. slope, broken by ledges, through medium dense scrub timber and undergrowth.

19.68 Point of triangulation on rocky spur, 475 ft. above sec. cor., projects N.; descend.

34.30 Ravine, 200 ft. deep, course N. 30° W.; ascend.

38.18 On broken NW. slope, at base of ledge, 75 ft. above ravine, hrs. N. and SW.

Mark a cross on solid surface rock, over which

Set an iron post, 3 ft. long, 1 in. diam., 30 ins. in mound of stone, for witness 4 sec. cor., with brass cap marked

S 30
+ $\frac{19.68}{78.32}$
S 31

1925

No suitable bearing tree available.

38.32 Point for 4 sec. cor. falls on face of ledge.

Impracticable to set cor.

48.30 Spur, 120 ft. above wit. 4 sec. cor., projects N.; descend.

49.30 Ravine, 160 ft. deep, course N.; ascend.

56.00 Top of mesa, 160 ft. above bottom of ravine, hrs. NE. and SW.; thence over rolling mesa top.

78.32 The cor. of secs. 29, 30, 31 and 32.

Land, mountainous.

Soil, shallow rocky, sandy loam; 3rd and 4th rate.

Timber, scrub juniper and pinon.

Undergrowth, short black brush and mountain rush.

Fair grazing.

SUBDIVISION OF T. 43 S., R. 11 E.

Chains

S. 0° 03'E., bet. secs. 31 and 32.

Over rolling top of mesa, through medium dense timber and undergrowth.

22.30 Wash, 15 lks. wide, 5 ft. deep, course NE.

40.00 Set an iron post, 3 ft. long, 1 in. diam., 8 ins. in the ground on solid rock and 24 ins. in a mound of stone for $\frac{1}{4}$ sec. cor., with brass cap marked

$\frac{1}{4}$
 S 31 | S 32
 1925

From which

A pinon, 6 ins. diam., brs. S. 22° 45'E., 127 lks. dist., marked $\frac{1}{4}$ S 32 B T.

A juniper, 10 ins. diam., brs. S. 70° W., 49 lks. dist., marked $\frac{1}{4}$ S 31 B T.

47.00 Rim of canyon, brs. NE. and SW.; abrupt descent.

51.88 On broken S.E. slope, 120 ft. below rim of canyon.

Intersect the Utah-Arizona State Boundary Line, N. 89° 24'E., 12.31 chs. dist. from the 184th mile cor., heretofore described.

At point of intersection.

Mark a cross (X) on solid surface rock, over which

Set an iron post, 3 ft. long, 2 ins. diam., 30 ins. in a mound of stone for closing cor. of secs. 31 and 32, with brass cap marked

U
 CC
 T43S | R11E
 S 31 | S 32
 A

1925

From which

A pinon, 10 ins. diam., brs. N. 15° E., 89 lks. dist., marked T 43 S R 11 E S 32 CC BT.

A pinon, 12 ins. diam., brs. N. 8° W., 152 lks. dist., marked T 43 S R 11 E S 31 CC BT.

Land rolling top of mesa and broken slope.

Soil, shallow sandy loam; 3rd rate.

Timber, scrub juniper and pinon.

Undergrowth, black brush and mountain rush. Fair grazing.

BOUNDARIES OF T. 43 S., R. 11 E.

LATITUDES, DEPARTURES AND CLOSING ERRORS.

T. 43 S., R. 11 E.

Line designated	Course	Dist, chs.	Latitudes		Departures	
			N.	S.	E.	W.
W. bdy. of Tp.	South	452.48	-----	452.48	-----	-----
Ut.-Ariz. bdy.	N.89°42'E.	66.15	0.35	-----	66.15	-----
" " "	N.89°24'E.	78.53	.82	-----	78.53	-----
" " "	N.89°40'E.	80.99	.47	-----	80.99	-----
" " "	N.89°39'E.	77.78	.48	-----	77.78	-----
" " "	N.89°42'E.	97.15	.51	-----	97.15	-----
" " "	S.89°57'E.	63.10	-----	0.05	63.10	-----
" " "	N.89°56'E.	14.83	-.02	-----	14.83	-----
E. bdy. of Tp.	North,	449.85	449.85	-----	-----	-----
N. bdy. of Tp.	West,	477.95	-----	-----	-----	477.95
Convergency	-----	-----	-----	-----	-----	0/51
Totals	-----	-----	452.50	452.53	478.53	478.46
				452.50	478.46	
Error in lat. and dep.	-----	-----	-----	0.03	0.07	-----

GENERAL DESCRIPTION, T. 43 S., R. 11 E.

The land embraced in this township is very rough and broken, consisting of high mesas cut by deep rugged canyons. Piute Canyon with high inaccessible breaks forms the main drainage, entering the township in sec. 33, and drains in a northerly direction through the township, leaving it in sec. 3. The land to the east of Piute Canyon drains in a westerly and north-westerly direction while the land to the west drains in a northeasterly direction.

The soil consists of a shallow loose sand mixed with loose rock and may be classified as 3rd rate.

Piute Creek, a stream of good water, 10 lks. wide, 4 ins deep, flows in a northerly direction in bottom of Piute Canyon. A small seep of good water is also found in bottom of ravine on line bet. secs. 3 and 10 west of the $\frac{1}{4}$ sec. cor. There is a spring located in SE $\frac{1}{4}$ Sec. 22 and one in N $\frac{1}{2}$ Sec. 4.

GENERAL DESCRIPTION OF T. 43 S., R. 11 E.

Chains

The soil supports a medium growth of, short black brush, shadscale, mountain rush, yellow top and grass, which affords fair grazing for stock.

The only timber found on this township is a medium growth of scrub juniper and pinon which has very little value only for fuel.

The land of this township is not suitable for cultivation but affords fair grazing for stock and is being used by the Navajo Indians for this purpose.

No settlers were located on this township at the time of the survey.

The only improvements found on the township were about 5 acres of cultivated land located in the NW $\frac{1}{4}$ of the NW $\frac{1}{4}$ sec. 3 and NE $\frac{1}{4}$ of NE $\frac{1}{4}$ sec. 4. This tract of land was being farmed by Indians and corn was being raised.

No indications of mineral, oil, oil shale or coal was found during the execution of this survey.

The magnetic declination was not taken on account of defective needle.

BOOK A-487

4-680

FIELD ASSISTANTS.

[illegible]

**CERTIFICATE OF UNITED STATES SURVEYOR.
AND TRANSITMAN.**

We, Chas. F. Moore, U.S. Surveyor and
~~Eddie S. C. Smith, U.S. Transitman~~, hereby certify upon honor that,

of special instructions received from the U. S. Surveyor General for Utah
bearing date of the 25th day of September, 19 23, have well, faithfully,
in ~~our~~ own proper persons and in strict conformity with said instructions, the Manual of Surveying
tions, and the laws of the United States, surveyed all those parts or portions of retracement
the Utah-Arizona State Boundary Line between the 183rd mile cor. and
the 189th mile cor.; and the survey of the west boundary and the
subdivision of T. 43 S., R. 11 E.,

of the Salt Lake B
and Meridian, in the State of Utah, which are represent
us on dates shown on date diagram
the foregoing field notes as having been executed by me, and under ~~my~~ our direction; and that all the corners
said survey have been established and perpetuated in strict accordance with the Manual of Surveying In
tions, and the special written instructions of the U. S. Surveyor General for Utah
and in the specific manner described in the field notes, and that the foregoing are the original field notes
such survey.

Utah Utah May 15-1926

Chas. F. Moore

U. S. Surveyor

Salt Lake City, Utah, May 10, 1926.

APPROVAL.

Edie S. C. Smith

U. S. Transitman

Supervisor of Surveys.

OFFICE OF THE UNITED STATES

December 23, 1927.

The foregoing field notes of the ~~survey~~ retracement of Utah-Arizona Boundary Line
from 183 mile to 189 mile and the survey of west boundary and
subdivisions of T. 43 S., R. 11 E., S. L. B. & M.,

executed by Chas. F. Moore, U. S. Surveyor, and Edie S. C. Smith, U. S. Transitman
under ~~his~~ special instructions dated September 25, 1923, 19 23, having been
critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys
they describe, are hereby approved.

Frank H. Johnson
U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above-described surveys in
has been correctly copied from the original notes on file in this office.

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MAR 1 - 1928

Department of the Interior

Public Survey

Salt Lake City, Utah

BOOK A-487

FIELD NOTES

OF ~~THE SALT LAKE BASIN~~

A DEPENDENT RESURVEY

O F

THE EAST AND SOUTH BOUNDARIES,

A PORTION OF THE NORTH BOUNDARY,

A PORTION OF THE WEST BOUNDARY OR PLEASANT VALLEY GUIDE MERIDIAN,

AND A PORTION OF THE SUBDIVISION,

AND

THE SURVEY OF A PORTION OF THE SUBDIVISION

O F

TOWNSHIP NO. 14 SOUTH, RANGE NO. 7 EAST.

Of the Salt Lake Base and

Meridian,

State of Utah.

EXECUTED BY

J. C. CLARK

in the capacity of U. S. Surveyor, under instructions dated February 18, ~~1926~~, 1926,

District Cadastral Engineer

and by the United States ~~Surveyor General~~ to govern surveys included in

No. 189, which were approved by the Commissioner of the General Land

March 4, 1926, 191

Assignment Instructions dated June 14, 1926.

Assignment Instructions dated May 23, 1927.

Survey commenced July 1, 1926, 191

Survey completed August 28, 1927, 191

INDEX DIAGRAM.

Township No. 14 South Range No. 7 East.

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	47	44	41	37	34	30	
	31	30	29	29	29	28	

Clark, U. S. Surveyor, with a Young and Sons transit No. 8539. The instrument is equipped with a Smith solar attachment and full vertical circle, the horizontal limb being provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs, and vertical circle.

Tests of Instrument.

The instrument was approved for use on this survey by the District Cadastral Engineer for District No. 6, in Assignment Instructions dated June 14, 1926, and in Supplemental Assignment Instructions dated May 23, 1927, conditional upon satisfactory field tests.

June 30, 1926, at camp, in sec. 22, T. 14 S., R. 7 E., in approximate latitude $39^{\circ}36'$ N., approximate longitude $111^{\circ}10'$ W., I examine the adjustments of the instrument and correct the errors in the plate levels, latitude arc, and the line of collimation of the main telescope. Then, to test the solar apparatus by comparing its indications, resulting from solar observations made during a. m. and p. m. hours with a meridian established by observations on Polaris, I proceed as follows:

July 1, 1926, at 1h 3.8m a. m., l. m. t., I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined with a nail in a stake driven firmly in the ground approximately ten chains N. of my station.

At 7 a. m., apparent time, I lay off the azimuth of Polaris $1^{\circ}25'$ to the west, and mark the meridian with a nail in a stake set firmly in the ground about ten chains N. of my station.

At 9h 0m a. m., apparent time, I set off $39^{\circ}36'$ N., on the lat. arc; $23^{\circ}09'$ N., on the decl. arc; and determine a meridian with the solar which agrees within 30 seconds of the true meridian.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is $23^{\circ}8'$ N., which agrees with the computed decl. of the sun.

At 3h 0m p. m., apparent time, with the lat. arc unchanged, I set off $23^{\circ}8'$ N., on the decl arc; and

Township 14 South, Range 7 East.

Tests of Instrument.

determine a meridian with the solar which practically coincides with the meridian obtained by observations on Polaris.

All of the tests during the hours suitable for solar work practically coincide with the true meridian; therefore, I conclude that the adjustments of the instrument are satisfactory.

June 6, 1927, at camp, in sec. 22, T. 14 S., R. 7 E., in approximate latitude $39^{\circ}36'$ N., approximate longitude $111^{\circ}10'$ W., I examine the adjustments of the instrument and correct the errors in the plate levels, and the lines of collimation of the main and solar telescopes. I then test the solar apparatus by comparing its indications hourly with the true meridian established by Polaris observations as follows:

June 7, 1927, at 2h 39.0m a. m., 1. m. t., I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined with a nail in a stake driven firmly in the ground approximately eight chains N. of my station.

At 7 a. m., apparent time, I lay off the azimuth of Polaris $1^{\circ}25'$ to the west, and mark the meridian with a nail in a peg set firmly in the ground about eight chains N. of my station.

At 9h 0m a. m., apparent time, I set off $39^{\circ}36'$ N., on the lat. arc; $22^{\circ}43'$ N., on the decl. arc; and determine a meridian with the solar which falls less than one minute east of the meridian determined by observations on Polaris.

At apparent noon, I set off $22^{\circ}43'$ N., on the decl. arc, and observe the sun on the meridian; the resulting reading of the lat. arc is $39^{\circ}36'$ N., which practically agrees with the calculated lat.

Tests of Instrument.

At 3h 0m p. m., apparent time, with the lat. arc unchanged, I set off $22^{\circ}44'$ N., on the decl. arc; and note that the line determined with the solar falls less than one half minute west of the meridian obtained by Polaris observations.

As all of the solar observations during the usual hours of solar work come within one minute of the true meridian, I conclude that the adjustments of the instrument are satisfactory.

Final Tests of Instrument.

I test the solar apparatus as follows by comparing its indications hourly with the true meridian established by Polaris observations July 1, 1926, at camp, in sec. 22, T. 14 S., R. 7 E., hereinbefore described: October 10, 1926, at 9h 0m a. m., apparent time, I set off $39^{\circ}36'$ N., on the lat. arc; $6^{\circ}32'$ S., on the decl. arc; and determine a meridian with the solar which falls about one minute east of the meridian established from observations on Polaris.

At apparent noon, I set off $6^{\circ}34'$ S., on the decl. arc, and observe the sun on the meridian; the resulting reading of the lat. arc is $39^{\circ}35'30''$ N., which agrees within one half minute of the computed lat.

At 3h 0m p. m., apparent time, with the lat. arc unchanged, I set off $6^{\circ}36'$ S., on the decl. arc; and determine a meridian with the solar which falls about 30 seconds west of the true meridian.

At camp, in sec. 22, T. 14 S., R. 7 E., I test the solar apparatus as follows by comparing its indications hourly with the true meridian obtained from observations on Polaris June 7, 1927, hereinbefore described: August 28, 1927, at 9h 0m a. m., apparent time, I set off $39^{\circ}36'$ N., on the lat. arc; $9^{\circ}55'30''$ N., on the decl. arc; and determine a meridian with the solar which agrees within a few seconds of the meridian estab-

Township 14 South, Range 7 East.

Tests of Instrument.

lished from observations on Polaris.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is $9^{\circ}52'30''$ N., which agrees within less than one half minute of the calculated decl. of the sun.

At 3h 0m p. m., apparent time, with the lat. arc unchanged, I set off $9^{\circ}50'$ N., on the decl. arc; and note that the line determined with the solar practically coincides with the true meridian.

As the instrument by hourly a. m. and p. m. solar observations defines positions for meridians that differ no more than one minute from the meridians established by observations on Polaris, I conclude that the transit has been in adjustment during the progress of the survey of this township.

The meridians were checked by time hour angle observations on Polaris, and the solar apparatus was tested every week on the meridians. Observations for latitude and declination were taken whenever practicable, and in computing the declinations of the sun, the refractions were corrected for an altitude varying from eight thousand to ten thousand feet. All measurements were taken with five chain Lullie steel tapes which were compared frequently with a Lufkin standard one chain steel tape kept for this purpose only; and the distances measured on the slope were reduced to the horizontal by using Keuffel and Esser clinometers.

Method and Order of Procedure.

The east and south boundaries, the south five miles of the west boundary, the east two miles of the north boundary, and the surveyed lines in the subdivision adjacent to the new work, of T. 14 S., R. 7 E. are

Method and Order of Procedure.

retraced; and all missing quarter section and section corners are restored by single proportionate measurement on a line connecting the adjoining identified original corners. All of the original corner monuments on the township exteriors and in the subdivision are reconstructed, properly witnessed, and perpetuated by placing the regulation iron post alongside of the original corner monument.

As portions of the south boundary and the north five miles of the east boundary are defective in alinement, and these boundaries cannot qualify as proper governing boundaries, I establish the north five miles of the first meridional section line as a sectional guide meridian, and the first latitudinal section line as a sectional correction line.

On account of the east boundary being defective in measurement, quarter section and section corners for range seven east are established on this boundary, alternately at regular intervals of 40.00 chains in latitude, counting from the closing corner of Tps. 14 S., Rs. 7 and 8 E., and the fractional measurement is placed in the northern half mile; and, as the southeast corner of the township is a closing corner, quarter section and section corners for T. 14 S. are established on the south boundary, alternately at regular intervals of 40.00 chains in departure, counting from the closing corner of Tps. 14 S., Rs. 7 and 8 E., and the fractional measurement is placed in the western half mile.

Sections four, five and six have been previously surveyed, and the northwest quarter of section three and the northwest quarter of section seven are protracted as surveyed; and the greater portion of the land in these sections is patented; therefore, the survey of sections three and seven is completed so as to protect

Method and Order of Procedure.

Chains.

the previously surveyed areas.

The southwest corner of the township is a closing corner; therefore, closing section corners are established on the west boundary of the township. Also, on the north boundary of the township, a closing corner is established for sections one and two; and closing section corners are set on the east and south boundaries of section three, south boundaries of sections four and five, and on the east and south boundaries of section seven. Proper quarter section corners are established at midpoints between the closing corners, or at 40.00 chains, so as to place the fractional measurements against the old work.

The original work in the subdivision is surveyed as prescribed by the revised Manual of Instructions, and the fractional measurements are placed against the old work throughout the township.

Dependent Resurvey of the East Bdy. of T. 14 S., R. 7 E.

Random Lines.

From the closing cor. of Tps. 14 S., Rs. 7 and 8 E., hereinafter described,

North, on retracement line along the E. bdy. of T. 14 S., R. 7 E., bet. secs. 31 and 36.

37.62 Fall 3 lks. E. of the $\frac{1}{4}$ sec. cor., hereinafter described.
Therefore, the bearing of this line is N.0°03'W., and the distance is 37.62 chs.

From the point 3 lks. E. of the $\frac{1}{4}$ sec. cor.
North, with continuous measurement.

77.58 Fall 2 lks. W. of the cor. of secs. 25, 30, 31 and 36, hereinafter described.

Therefore, the bearing of this half mile is N.0°04'E., and the distance is 39.96 chs.

From the cor. of secs. 25, 30, 31 and 36,

Dependent Resurvey of the East Edy. of T. 14 S., R. 7 E.

Chains.	
	North, on retracement line bet. secs. 25 and 30.
40.97	Fall 21 lks. W. of the $\frac{1}{4}$ sec. cor., hereinafter described. Therefore, the bearing of this half mile is N.0°18'E., and the distance is 40.97 chs. From the point 21 lks. W. of the $\frac{1}{4}$ sec. cor., North, with continuous measurement.
80.98	Fall 27 lks. E. of the cor. of secs. 19, 24, 25 and 30, hereinafter described. Therefore, the bearing of this half mile is N.0°41'W., and the distance is 40.01 chs. From the cor. of secs. 19, 24, 25 and 30, North, on retracement line bet. secs. 19 and 24.
40.48	Fall 54 lks. W. of the $\frac{1}{4}$ sec. cor., hereinafter described. Therefore, the bearing of this half mile is N.0°46'E., and the distance is 40.48 chs. From the point 54 lks. W. of the $\frac{1}{4}$ sec. cor., North, with continuous measurement.
81.34	Fall 39 lks. W. of the cor. of secs. 13, 18, 19 and 24, hereinafter described. Therefore, the bearing of this half mile is N.0°13'W., and the distance is 40.86 chs. From the cor. of secs. 13, 18, 19 and 24, North, on retracement line bet. secs. 13 and 18.
40.00	Unable to find the $\frac{1}{4}$ sec. cor. after diligent search.
80.90	Fall 36 lks. W. of the cor. of secs. 7, 12, 13 and 18, hereinafter described. Therefore, the bearing of this mile is N.0°15'E., and the proportionate distance for each half mile is 40.45 chs. From the cor. of secs. 7, 12, 13 and 18, North, on retracement line bet. secs. 7 and 12.
40.53	Fall 14 lks. W. of the $\frac{1}{4}$ sec. cor., hereinafter de-

Dependent Resurvey of the East Bdy. of T. 14 S., R. 7 E.

Chains.

scribed.

Therefore, the bearing of this half mile is N.0°12'E.,
and the distance is 40.53 chs.

From the point 14 lks. W. of the $\frac{1}{4}$ sec. cor.,
North, with continuous measurement.

80.99 Fall 61 lks. W. of the cor. of secs. 1, 6, 7 and 12,
hereinafter described.

Therefore, the bearing of this half mile is N.0°40'E.,
and the distance is 40.46 chs.

From the cor. of secs. 1, 6, 7 and 12, a signal on the
cor. of Tps. 13 and 14 S., R. 8 E. is plainly visible.

Thence, from said sec. cor.,
N.0°44'E., on retracement line bet. secs. 1 and 6.

40.00 Fall 2 lks. E. of the $\frac{1}{4}$ sec. cor., hereinafter de-
scribed.

Therefore, the bearing of this half mile is N.0°42'E.,
and the distance is 40.00 chs.

From the point 2 lks. E. of the $\frac{1}{4}$ sec. cor.,
N.0°44'E., with continuous measurement.

49.66 The cor. of Tps. 13 and 14 S., R. 7 E., hereinafter de-
scribed, bears east 41 lks. dist.

81.34 Intersect the cor. of Tps. 13 and 14 S., R. 8 E., here-
inafter described.

Therefore, the bearing of this half mile is N.0°46'E.,
and the distance is 41.34 chs.

Reestablishment of the Surveys executed by Augustus
D. Ferron, U. S. Deputy Surveyor, in 1891, and by
Clarence S. Jarvis, U. S. Deputy Surveyor, in 1910.

True Lines.

From the closing cor. of Tps. 14 S., Rs. 7 and 8 E.,
which is an iron post, 3 ins. in diam., extending 22
ins. above ground, firmly set in a mound of stone,

Chains.

2½ ft. base, 1½ ft. high, and marked on brass cap as follows:

T14S	
R7E	R6E
S36	S31
CC	
S1	S6
R7E	R6E
T15S	

and from which,

An Alpine fir, 10 ins. diam., bears N.40°15'E.,
68 lks. dist., marked T 14 S R 8 E S 31 C C
P T.

An Alpine fir, 10 ins. diam., bears N.10°30'W.,
199 lks. dist., marked T 14 S R 7 E S 36 C C
P T.

N.0°03'W., on a true line on a dependent resurvey along
the E. bdy. of T. 14 S., R. 7 E., bet. secs. 31 and
36.

Over rough mountainous land, through a scattering growth
of fir and spruce timber and dense undergrowth of oak
brush, sagebrush and service berry bushes; desc. 35
ft., along the abrupt W. side of Seeley Canyon.

1.00 Head of draw, drains S.70°E.; asc. 10 ft.

4.70 Spur, projects S.70°E. approximately 12.00 chs. dist.;
desc. 45 ft.

6.90 Draw, drains N.80°E.; asc. 55 ft.

12.00 Spur, projects N.80°E. about 10.00 chs. dist.; desc.
abruptly 235 ft.

16.00 Leave timber.

19.20 Leave dense undergrowth of oak brush and service berry
bushes, and enter a dense growth of yellow top, bears
E. and W.

27.40 Leave undergrowth of sagebrush and yellow top and enter
a heavy growth of fir, spruce and aspen timber, bears
E. and W.

Dependent Resurvey of the East Bdy. of T. 14 S. R. 7 E.

Chains.

- 25.80 Leave timber and enter dense undergrowth of oak brush and service berry bushes, bears E. and W.
- 26.00 Base of steep descent, bears E. and W.; desc. 90 ft. to the $\frac{1}{4}$ sec. cor. of sec. 31, over rolling top of bench.
- 31.70 Leave undergrowth of oak brush and service berry bushes, and enter a dense growth of sagebrush, bears E. and W.
- 36.70 Leave sagebrush and enter a heavy growth of aspen timber, bears E. and W.

37.62 The original $\frac{1}{4}$ sec. cor. of secs. 31 and 36, which is an iron post, 1 in. in diam., extending 16 ins. above ground, firmly set, correctly marked, and witnessed by

An aspen, 5 ins. diam., bears S. $58^{\circ}30'W.$, 17 lks. dist., marked $\frac{1}{4}$ S 36 B T.

I am unable to find the bearing tree in sec. 31, and I destroy the markings pertaining to sec. 36, on the post and tree, for this cor. now refers to sec. 31, only. I witness the cor. as follows:

An Alpine fir, 10 ins. diam., bears N. $65^{\circ}30'E.$, 5 lks. dist., marked $\frac{1}{4}$ S 31 B T.

An Alpine fir, 8 ins. diam., bears S. $36^{\circ}30'E.$, 27 lks. dist., marked $\frac{1}{4}$ S 31 B T.

Thence,

N. $0^{\circ}04'E.$, with continuous measurement.

- 38.70 Draw, 10 ft. below $\frac{1}{4}$ sec. cor. of sec. 31, drains N. $70^{\circ}E.$; asc. gradually 15 ft. to the $\frac{1}{4}$ sec. cor. of sec. 36.

- 39.70 Leave timber and enter dense undergrowth of sagebrush, bears E. and W.

- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 36, only, with brass cap marked:

S 36 $\frac{1}{4}$

Dependent Resurvey of the East Bdy. of T. 14 S. R. 1 E.

Chains.	
	from which,
	A Douglas fir, 6 ins. diam., bears S.14°W., 77
	lks. dist., marked $\frac{1}{4}$ S 36 B T.
	A Douglas fir, 9 ins. diam., bears S.81°W., 40
	lks. dist., marked $\frac{1}{4}$ S 36 B T.
46.00	Top of ascent, 10 ft. above $\frac{1}{4}$ sec. cor. of sec. 36, bears E. and W.; desc. gradually 35 ft.
48.50	N. edge of bench or S. brink of Corner Canyon, bears NE. and SW.; desc. abrupt NW. slope 265 ft. to the level bottom of canyon.
56.30	Leave sagebrush and enter a heavy growth of aspen, fir and spruce timber, bears NE. and SW.
58.00	Leave timber, bears N.60°E. and S.60°W.
58.30	Base of descent, bears N.60°E. and S.60°W.; over level bottom of canyon, through a scattering growth of sage- brush.
59.40	S. bank of wash, 20 ft. high, bears N.60°E. and S.60°W.; stream of good clear water, 2 lks. wide, 2 ins. deep, in the bottom of wash, course N.60°E.
61.00	N. bank of wash, 15 ft. high, bears N.60°E. and S.60°W.
62.50	Enter a patch of dense aspen timber, bears N.60°E. and S.60°W.
62.80	Leave bottom of canyon, bears N.60°E. and S.60°W.; begin steep ascent of 160 ft. to the N. brink of canyon, over SE. slope.
63.00	Leave patch of timber, and enter dense tall undergrowth of oak and buck brush, sagebrush and service berry bushes, bears NE. and SW.
68.50	N. brink of Corner Canyon, bears N.60°E. and S.60°W.; asc. gradually 15 ft. to the cor. of secs. 30 and 31, over gently rolling land.
73.90	Leave undergrowth, and enter a patch of aspen timber, bears NE. and SW.
75.90	Leave patch of timber, and enter dense undergrowth of

Dependent Resurvey of the East Boundary of T. 14 S. R. 7 E.
Chains.

oak brush and sagebrush, bears E. and W.

- 77.58 The original cor. of secs. 25, 30, 31 and 36, which is a sandstone, 12x10x3 ins., loosely set 6 ins. in the ground, at the cor. of a barb wire fence, bearing in a southerly and easterly direction, and marked with one notch on S. edge and 5 notches on N. edge, but no evidence of accessories. This cor. now pertains to secs. 30 and 31, only, and I reset the stone at the same point 8 ins. in the ground.

Alongside of the original cor., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 30 and 31, only, with brass cap marked:

T14S	T14S
R7E	S30
S36	S31
	R8E
1926	

from which,

A Douglas fir, 6 ins. diam., bears N.59°15'E., 139 lks. dist., marked T 14 S R 8 E S 30 B T.

An aspen, 4 ins. diam., bears S.1°15'E., 160 lks. dist., marked T 14 S R 8 E S 31 B T.

Thence,

N.0°18'E., with continuous measurement.

- 79.50 Leave undergrowth of sagebrush and oak brush, and enter a dense growth of young aspen and timber, bears NW. and SE.

- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 25 and 36, only, with brass cap marked:

T14S	T14S
S25	R8E
S36	S30
R7E	
1926	

from which,

Dependent Remarks of the East Branch of the ...

Chains.

An aspen, 4 ins. diam., bears S. 87° 15' W., 17
lks. dist., marked T 14 S R 7 E S 36 B T.

An aspen, 6 ins. diam., bears N. 42° 15' W., 26
lks. dist., marked T 14 S R 7 E S 25 B T.

Land, steep and rough mountainous, rolling top of bench
and rolling; sandstone outcroppings; general drainage
N. and NE. by Seeley and Corner Canyons.

Soil, red sand and sandy loam, varying in depth from a
few ins. to about 3 ft., lying on a clay subsoil or
on bedrock, on greater portion of mile; 2nd. to 3rd.
rate; dark sandy loam, several ft. deep, in the bottom
of Corner Canyon; 1st. rate.

Timber, aspen, Douglas and Alpine fir, and Engelmann
spruce.

Undergrowth, sagebrush, oak and buck brush, service
berry bushes, yellow top and young aspen.

Fair growth of grass and browse.

N. 0° 18' E., on a true line bet. secs. 25 and 30.

Over rolling land, through a heavy growth of timber and
dense undergrowth of young aspen and rosebushes; desc.
gradual NE. slope 70 ft. to the bottom of swale.

4.30 Leave timber and undergrowth of young aspen and rose-
bushes, and enter a dense growth of oak brush, bears
NW. and SE.

9.00 Oak brush becomes scattering; enter a dense growth of
sagebrush, bears NW. and SE.

9.90 Swale from NW., drains NE.; asc. SE. slope 30 ft.

15.90 Spur, projects SE. about 8.00 chs. dist.; desc. 25 ft.
to the bottom of swale.

17.00 Leave undergrowth, and enter a heavy growth of timber,
bears NW. and SE.

18.80 Leave timber, and enter a dense growth of sagebrush and

Dependent Resurvey of the East Bdy. of T. 14 S., R. 7 E.

Chains.

oak brush, bears NW. and SE.

19.00 Swale, drains SE.; asc. gradual general S. slope 55 ft.
to

38.55 The original $\frac{1}{4}$ sec. cor. of secs. 25 and 30, which is a sandstone, 22x10x7 ins., lying in a small mound of stone, partly embedded in the ground, and marked $\frac{1}{4}$ on W. face, but not witnessed. This cor. now pertains to sec. 30, only, and I reset the stone at the same point 16 ins. in the ground, so that the marking $\frac{1}{4}$ faces to the E.

Alongside of the original cor., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 30, only; with brass cap marked:

$$\frac{1}{4} \text{ S } 30$$

1926

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, E. of cor.

Thence,

N. $0^{\circ}41'W.$, with continuous measurement.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 25, only, with brass cap marked:

$$S \ 25 \ \frac{1}{4}$$

1926

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

This cor. stands 10 ft. above the $\frac{1}{4}$ sec. cor. of sec. 30.

45.50 Spur, 45 ft. above $\frac{1}{4}$ sec. cor. of sec. 25, projects E.; desc. gradual N. slope 45 ft. to

68.90 S. brink of First Water Canyon, bears E. and W.; desc. steep N. slope 110 ft.

Dependent Resurvey of the East Bdy. of Twp. 6 S., R. 7 W.

Chains.

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62.10 Base of descent, bears E. and W.; over level bottom of canyon.

64.50 Dry wash, 60 lks. wide, 30 ft. deep, drains E.

65.90 Leave bottom of canyon, bears E. and W.; begin ascent of 90 ft., over general S. slope.

73.20 N. brink of First Water Canyon or top of ascent, bears E. and W.; desc. gradual NE. slope 15 ft. to

73.56 The original cor. of secs. 19, 24, 25 and 30, which is a sandstone, 24x12x6 ins., set 4 ins. in the ground and in a small mound of stone partly embedded, and marked with 2 notches on S. edge and 4 notches on N. edge, but no evidence of accessories. This cor. now pertains to secs. 19 and 30, only, and I reestablish the stone at the same point 13 ins. in the ground.

Alongside of the original cor., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 19 and 30, only, with brass cap marked:

T14S	T14S
R7E	S19
S25	S30
	R8E
1926	

and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.

Thence,

N.0°46'E., with continuous measurement.

31.30 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 24 and 25, only, with brass cap marked:

T14S	T14S
S24	
S25	R8E
R7E	S19
1926	

and raise a mound of stone, 2 ft. base, 1½ ft. high, W. of cor.

Dependent Resurvey of the East Bdy. of T. 14 S., R. 7 E.

Chains.

This cor. stands 10 ft. below the cor. of secs. 19 and 24.

Land, rolling or low rolling mountainous, draining generally to the E. by Corner and First Water Canyons; outcroppings of sandstone formation.

Soil, red sand and sandy loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock, on greater portion of mile; 1st. to 3rd. rate; dark sandy loam, several ft. deep, in the bottom of First Water Canyon; 1st. rate.

Timber, aspen...

Undergrowth, sagebrush, oak brush, young aspen and rose-bushes.

Fair grazing land.

N. 0° 46' E., on a true line bet. secs. 19 and 24.

Over rolling land, through dense undergrowth; desc. gradual NE. slope 10 ft.

0.80 Dry wash, 10 lks. wide, 6 ft. deep, in the bottom of hollow, drains SE.; asc. gradual SW. slope 130 ft.

17.50 Spur from W. off Lone Pine Tree Ridge, projects easterly; desc. abruptly 110 ft., along general W. slope.

25.50 Descent becomes more abrupt, bearing of slope changing from N. and S. to NE. and SW.

30.00 Base of steep descent, bears NE. and SW.; desc. gradual NW. slope 60 ft. to

39.04 The original $\frac{1}{4}$ sec. cor. of secs. 19 and 24, which is a sandstone, 20x16x3 ins., loosely set in a small mound of stone, and marked $\frac{1}{4}$ on W. face, but no evidence of accessories. This cor. now pertains to sec. 19, only, and I reestablish the stone at the same point 15 ins. in the ground, so that the marking $\frac{1}{4}$ faces to the E. Alongside of the original cor., set an iron post, 3 ft.

Dependent Resurvey of the East Branch of the ...

Chains.

long, 1 in. in diam., 27 ins. in the ground, at the sec. cor. of sec. 19, only, with brass cap marked:

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high,

E. of cor.

Thence,

N. $0^{\circ}13'W.$, with continuous measurement.

39.90 Dry wash, 12 lks. wide, 4 ft. deep, in the bottom of hollow, 5 ft. below $\frac{1}{4}$ sec. cor. of sec. 19, drains NE.; asc. gradual SE. slope 15 ft. to the top of spur.

39.95 True point for $\frac{1}{4}$ sec. cor. of sec. 24 falls in the bottom of the wash; cor. not set.

40.25 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for witness $\frac{1}{4}$ sec. cor. of sec. 24, only, with brass cap marked:

S 24 $\frac{1}{4}$

W C
1926

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

55.30 Spur, projects NE.; desc. gradually 40 ft., over NW. slope.

64.30 Hollow, drains NE.; asc. gradual SE. slope 15 ft. to

79.90 The original cor. of secs. 13, 18, 19 and 24, which is a sandstone, 22x9x7 ins., set 6 ins. in the ground and in a small mound of stone, and marked with 3 grooves on each of the N. and S. faces, but no evidence of accessories. This cor. still remains the cor. of the four secs., and I reestablish the stone at the same point 16 ins. in the ground.

Dependent Resurvey of the East Bdy. of T. 14 S., R. 7 E.

Chains.

Alongside of the original cor., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 13, 18, 19 and 24, with brass cap marked:

T14S	
R7E	R8E
S13	S18
S24	S19
1926	

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, rolling or low rolling mountainous, draining SE. and NE. into First Water and Second Water Canyons; outcroppings of sandstone formation.

Soil; red sand and sandy loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.

Undergrowth, sagebrush and service berry bushes.

Fair grazing land.

No timber.

N. $0^{\circ}15'E.$, on a true line bet. secs. 13 and 18.

Asc. gradual SE. slope 15 ft., through dense undergrowth.

3.20 Spur, projects NE.; desc. gradually 55 ft.

11.50 Dry wash, 12 lks. wide, 7 ft. deep, in the bottom of hollow, drains NE.; asc. gradually 80 ft., over general S. slope.

32.40 Spur, projects easterly; desc. abrupt N. slope 170 ft. to the base of descent.

38.40 Leave dense undergrowth, and enter a medium heavy growth of aspen and birch timber, bears E. and W.

38.80 Base of descent, bears E. and W.; over level bottom of Second Water Canyon.

40.05 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 13, only, with

Dependent Resurvey of the East River

Chains.	
	brass cap marked: $S\ 13\ \frac{1}{4}$ 1926 from which, An aspen, 8 ins. diam., bears $S.41^{\circ}45'W.$, 81 lks. dist., marked $\frac{1}{4}\ S\ 13\ B\ T.$ An aspen, 12 ins. diam., bears $S.61^{\circ}W.$, 103 lks. dist., marked $\frac{1}{4}\ S\ 13\ B\ T.$
40.45	Proportionate point for the reestablished $\frac{1}{4}$ sec. cor. of sec. 18. Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 18, only, with brass cap marked: $\frac{1}{4}\ S\ 18$ 1926 from which, An aspen, 16 ins. diam., bears $S.18^{\circ}30'E.$, 40 lks. dist., marked $\frac{1}{4}\ S\ 18\ B\ T.$ A birch, 5 ins. diam., bears $S.56^{\circ}30'E.$, 4 lks. dist., marked $\frac{1}{4}\ S\ 18\ B\ T.$
40.70	Stream of good clear water, 3 lks. wide, 2 ins. deep, in the bottom of wash, 40 lks. wide, 12 ft. deep, course E.
40.90	Leave timber, and enter dense tall undergrowth, bears E. and W.
41.00	Leave level bottom of Second Water Canyon, bears E. and W.; begin abrupt ascent of 160 ft., over S. slope.
50.10	Top of ascent, bears E. and W.; desc. 20 ft.
55.00	Draw, drains SE.; asc. 75 ft.
68.70	Spur, projects $S.70^{\circ}E.$; desc. 60 ft.
72.70	Draw, drains $S.70^{\circ}E.$; asc. 25 ft.
77.60	Spur, projects $S.70^{\circ}E.$; desc. 20 ft. to

Dependent Resurvey of the East Bdy. of T. 14 S., R. 7 E.

ains.

80.10

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 12 and 13, only, with brass cap marked:

T14S	T14S
S12	R8E
S13	S18
R7E	
1926	

and raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, rolling or low rolling mountainous, draining generally to the E. by Second Water Canyon; outcroppings of sandstone formation.

Soil, red sand and dark sandy loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock, on greater portion of mile; 1st. to 3rd. rate; dark or a black loam, several ft. deep, in the bottom of Second Water Canyon; 1st. rate.

Timber, aspen and birch.

Undergrowth, oak brush, service berry bushes and sagebrush.

Fair growth of grass and browse.

N.0°15'E., on a true line along the E. bdy. of sec. 12. Over rolling land, through dense tall undergrowth; desc. general N. slope 10 ft.

0.40 Draw, drains E.; asc. S. slope 10 ft. to

0.80 The original cor. of secs. 7, 12, 13 and 18, which is a sandstone, 26x20x6 ins., set 8 ins. in the ground and in a mound of stone, 2 ft. base, 1 ft. high, and marked with 2 grooves on N. face and 4 notches on SE. edge, but not witnessed. This cor. now pertains to secs. 7 and 18, only, and I reestablish the stone at the same point 19 ins. in the ground.

Alongside of the original cor., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 7 and 18, with brass cap marked:

Dependent Resurvey of the East River of Polaris E. 7. 2

Chains.

T14S T14S

R7E S7

S12 S18

R8E

1926

and raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high,
E. of cor.

Thence,

N. $0^{\circ}12'E.$, bet. secs. 7 and 12, with continuous measure-
ment.

- 5.40 Spur, 35 ft. above cor. of secs. 7 and 18, slopes E.
about 4.00 chs. dist.; desc. 30 ft.
- 10.50 Dry wash, 10 lks. wide, 5 ft. deep, in the bottom of
draw, drains E.; asc. SW. slope 45 ft.
- 19.40 Spur, projects S. $70^{\circ}E.$ approximately 12.00 chs. dist.;
desc. 30 ft.
- 26.00 Head of draw, drains E.; asc. SE. slope 35 ft.
- 31.20 Spur, projects N. $70^{\circ}E.$; desc. NW. slope 70 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 16 ins.
in the ground to solid rock, and in a mound of stone,
5 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor. of sec. 12,
only, with brass cap marked:

S 12 $\frac{1}{4}$

1926

At the base of the monument, I deposit a sandstone,
6x4x2 ins., marked with a cross (X). Other accessories
impracticable.

- 41.00 Enter a patch of timber, bears NE. and SW.
 - 41.33 The original $\frac{1}{4}$ sec. cor. of secs. 7 and 12, which is a
sandstone, 28x13x5 ins., lying on top of ground and
surrounded by a small mound of stone, and marked $\frac{1}{4}$ on
one face, but no evidence of accessories. This cor.
now pertains to sec. 7, only, and I reestablish the
stone at the same point 21 ins. in the ground, so that
the marking $\frac{1}{4}$ faces to the E.
- Alongside of the original cor., set an iron post, 3 ft.

Dependent Resurvey of the East Bdy. of T. 14 S., R. 7 E.

Chains.

1. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 7, with brass cap marked:

$\frac{1}{4}$ S 7

1926

from which,

An aspen, 4 ins. diam., bears N.52°45'E., 10 lks. dist., marked $\frac{1}{4}$ S 7 B T.

A maple, 5 ins. diam., bears N.81°E., 34

lks. dist., marked $\frac{1}{4}$ S 7 B T.

This $\frac{1}{4}$ sec. cor. is located 25 ft. below the $\frac{1}{4}$ sec. cor. of sec. 12.

Thence,

N.0°40'E., with continuous measurement.

41.70 Dry wash, 10 lks. wide, 4 ft. deep, in the bottom of draw, 10 ft. below $\frac{1}{4}$ sec. cor. of sec. 7, drains NE.; asc. S. slope 25 ft. to the point of spur.

42.00 Leave patch of timber, bears E. and W.

45.00 Eastern extremity of spur from W.; desc. 35 ft.

47.50 Hollow from W., drains SE.; asc. SW. slope 70 ft.

62.80 Spur, projects SE. about 12.00 chs. dist.; desc. 105 ft.

74.00 Draw, drains SE.; asc. S. slope 40 ft.

77.40 Spur, projects E. approximately 20.00 chs. dist.; desc. N. slope 25 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 1 and 12, only, with brass cap marked:

T14S	T14S
S1	R8E
S12	S7
R7E	

1926

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, rolling or low rolling mountainous, draining easterly by Second Water and Bob Wright Canyons; outcroppings of sandstone formation.

Soil, red sand, sandy loam or a dark mountain loam, vary-

Dependent Resurvey of the East River of the State of New York

Chains.

ing in depth from a few ins. to about 4 ft., lying on a clay subsoil or on bedrock; lat. to 4th rate.

Timber, aspen and maple.

Undergrowth, oak brush, service berry bushes and sagebrush.

Fair grazing of grass and browse.

N. 0°40'E., on a true line along the E. bdy. of sec. 1. Over mountainous land, through scattering undergrowth; desc. N. slope 20 ft. to

- 1.79 The original cor. of secs. 1, 6, 7 and 12, which is a sandstone, 18x12x6 ins., lying on top of ground and surrounded by a small mound of stone, and marked with one groove on N. face and five grooves on S. face, but no evidence of accessories. This cor. now pertains to secs. 6 and 7, only, and I reestablish the stone at the same point 12 ins. in the ground.

Alongside of the original cor., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 6 and 7, with brass cap marked:

T14S	T14S
R7E	S6
S1	S7
	R8E
1926	

and raise a mound of stone, 2 ft. base, 1½ ft. high, E. of cor.

Thence,

N. 0°42'E., bet. secs. 1 and 6, with continuous measurement.

- 5.90 Descent becomes more abrupt, 25 ft. below cor. of secs. 6 and 7, and bearing of slope changes from E. and W. to NE. and SW.

6.10 Enter dense tall undergrowth, bears NE. and SW.

- 13.30 Dry wash, 20 lks. wide, 15 ft. deep, in the bottom of ravine, 165 ft. below top of abrupt descent, drains NE.; scattering maple, fir and spruce timber grows

Dependent Resurvey of the East Bdy. of T. 14 S., R. 7 E.

Chains.

along the sides and bottom of this ravine; asc.
abruptly 110 ft., over SE. slope.

21.00 Spur, slopes NE. about 4.00 chs. dist.; desc. gradual
NW. slope 15 ft. to

22.00 S. brink of Bob Wright Canyon, bears E. and W.; desc.
steep N. slope 140 ft. to the base of descent.

27.00 Leave dense tall undergrowth, and enter a heavy growth
of oak, aspen, birch and maple timber, bears E. and
W.

27.80 Base of descent, bears E. and W.; over level bottom of
canyon.

28.30 S. bank of wash, 35 ft. high, bears E. and W.; stream of
good clear water, 6 lks. wide, 4 ins. deep, in the
bottom of the wash, course E.

29.70 N. bank of the wash, 40 ft. high, bears E. and W.

34.30 Stream of clear water, 3 lks. wide, 4 ins. deep, in a
ditch, 6 lks. wide, 2 ft. deep, course easterly.

34.40 Leave bottom of canyon, bears E. and W.; begin abrupt
ascent of 130 ft., over general S. slope to the N.
brink of canyon.

34.80 Telephone line, bears N. $82^{\circ}15'W.$ to Clear Creek, Utah
and S. $82^{\circ}15'E.$ to Price, Utah.

35.00 Leave timber, and enter dense tall undergrowth, bears
E. and W.

37.60 N. brink of Bob Wright Canyon, bears E. and W.; asc.
gradual S. slope 15 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins.
in the ground, for $\frac{1}{4}$ sec. cor. of sec. 1, only, with
brass cap marked:

S 1 $\frac{1}{4}$

1926

from which,

A cedar limb, 6 ins. diam., bears N. $17^{\circ}15'W.$, 151
lks. dist., marked $\frac{1}{4}$ S 1 B T.

As there are no other trees available, I raise a mound
of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Dependent Resurvey of the East Edy. of T. 44 S., R. 7 E.

Chains.

41.79

The original $\frac{1}{4}$ sec. cor. of secs. 1 and 6, which is an iron post, 1 in. in diam., extending 16 ins. above ground, firmly set in a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, correctly marked, and witnessed on the W. by a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high. I am unable to find any trace of the bearing tree to this cor., as recorded in the notes of the original survey. This cor. now pertains to sec. 6, only; therefore, I destroy the markings on the post, referring to sec. 1, and change the position of the mound on the W. to E. of the cor.

The cor. stands 15 ft. above the $\frac{1}{4}$ sec. cor. of sec. 1. Thence,
N.0°46'E., with continuous measurement.

51.45

Set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in the ground, for cor. of Tps. 13 and 14 S., R. 7 E., with brass cap marked:

T13S	
R7E	
S36	T14S
S1	R8E
T14S	S6
1927	

and raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor.

From this cor., the original cor. of Tps. 13 and 14 S., R. 7 E. bears S.89°58'E. 43 lks. dist. This cor. is an iron post, 3 ins. in diam., extending 16 ins. above ground, firmly set in a mound of stone, 2 ft. base, 1 ft. high, and marked on brass cap as follows:

T13S	
R7E	
S36	R8E
S1	S6
T14S	
1911	

and witnessed on the W. by a mound of stone, 4 ft. base, 2 ft. high.

A sandstone, 26x20x8 ins., marked with 6 notches on each edge, which was used for the monument for cor. of Tps.

Dependent Resurvey of the East Bdy. of T. 14 S., R. 7 E.

Chains:

13 and 14 S., Rs. 7 and 8 E., in the survey executed in 1876 by J. Fewson Smith, U. S. Deputy Surveyor, lies in the mound of stone W. of the iron post.

The original cor. of Tps. 13 and 14 S., R. 7 E. is now a witness point, and I deface the markings on the post pertaining to R. 7 E., and leave it marked T 14 S R 8 E S 6, in addition to W P.

The reestablished cor. of Tps. 13 and 14 S., R. 7 E. stands on a general S. slope 55 ft. above the $\frac{1}{4}$ sec. cor. of sec. 6.

From the reestablished cor. of Tps. 13 and 14 S., R. 7 E., on the same course with continuous measurement.

60.90 Ascent becomes more abrupt, bearing of slope changing from E. and W. to NW. and SE.

67.70 Spur, 250 ft. above the reestablished cor. of Tps. 13 and 14 S., R. 7 E., slopes SE. about 3.00 chs. dist.; desc. 35 ft.

79.00 Draw, drains SE.; precipitous ascent of 195 ft. to the cor. of Tps. 13 and 14 S., R. 8 E., over SW. slope.

82.60 Top of nearly perpendicular ledge, 45 ft. high, bears E. and W.

83.13 The original cor. of Tps. 13 and 14 S., R. 8 E., which is an iron post, 3 ins. in diam., extending 16 ins. above ground, firmly set in a mound of stone, 3 ft. base, 12 ft. high, and marked on brass cap as follows:

T13S	R8E
S36	S31
R7E	T14S
	S6

1919

and witnessed on the E. by a mound of stone, 3 ft. base, 2 ft. high.

Land, abrupt and mountainous, draining generally to the E. by Bob Wright Canyon; portions of line rough with sandstone outcroppings and ledges.

Soil, red sand, sandy loam or a dark mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock, on greater portion of

Dependent Resurvey of the East Bdy. of T. 14 S., R. 7 E.

Chains.

mile; 1st. to 4th. rate; a dark or black loam, several ft. deep, in the bottom of Bob Wright Canyon; 1st. rate.

Timber, aspen, fir, spruce, oak, birch and maple.

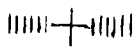
Undergrowth, oak and buck brush, sagebrush, service berry bushes, rosebushes and willows.

Fair grazing land.

Dependent Resurvey of the South Bdy. of T. 14 S., R. 7 E.

Random Lines.

From the original cor. of Tps. 15 S., Rs. 7 and 8 E., which is a stationary sandstone outcropping, 26x24x6 ins. above ground, and marked on the exposed E. face with 14 S, 15 S, 7 E, 8 E, a cross (X) and 18 grooves as shown below:

7 E 14 S

 15 S 8 E

and witnessed by

An aspen, 4 ins. diam., bears S.46°30'E., 23 lks. dist., marked T 15 S R 8 E S 6 B T.

An aspen, 6 ins. diam., bears S.1°45'W., 39 lks. dist., marked T 15 S R 7 E S 1 B T.

Alongside of the original cor., set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in the ground, for cor. of Tps. 15 S., Rs. 7 and 8 E., with brass cap marked:

T14SR8E
 S 31
 S1 S6
 R7E R8E
 T15S
 1926

West, on retracement line along the N. bdy. of T. 15 S., R. 7 E., on the N. bdy. of sec. 1.

8.97 The closing cor. of Tps. 14 S., Rs. 7 and 8 E., hereinbefore described, bears S. 7 lks. dist.

38.50 Fall 30 lks. N. of the $\frac{1}{4}$ sec. cor., hereinafter described.

Dependent Resurvey of the South Edy. of T. 14 S., R. 7 E.

Chains.	Therefore, the bearing of this line is S.89°35'W., and the distance is 38.50 chs.
	From the point 30 lks. N. of the $\frac{1}{4}$ sec. cor., West, with continuous measurement.
78.14	Fall 68 lks. N. of the cor. of secs. 1, 2, 35 and 36, hereinafter described.
	Therefore, the bearing of this half mile is S.89°27'W., and the distance is 39.64 chs.
	From the cor. of secs. 1, 2, 35 and 36, West, on retracement line along the N. bdy. of sec. 2.
39.79	Fall 9 lks. S. of the $\frac{1}{4}$ sec. cor., hereinafter described.
	Therefore, the bearing of this half mile is N.89°52'W., and the distance is 39.79 chs.
	From the point 9 lks. S. of the $\frac{1}{4}$ sec. cor., West, with continuous measurement.
80.00	Unable to find any trace of the cor. of secs. 2, 3, 34 and 35, after diligent search.
	West, on retracement on same line with continuous measurement; along the N. bdy. of sec. 3.
120.00	Unable to find any evidence of the $\frac{1}{4}$ sec. cor., after diligent search.
159.37	Fall 2 lks. S. of the cor. of secs. 3, 4, 33 and 34, hereinafter described.
	Therefore, the bearing of the line bet. the $\frac{1}{4}$ sec. cor. of secs. 2 and 35, and the cor. of secs. 3, 4, 33 and 34 is S.89°58'W., and the proportionate distance for each half mile is 39.86 chs.
	From the cor. of secs. 3, 4, 33 and 34, West, on retracement line along the N. bdy. of sec. 4.
39.92	Fall 19 lks. N. of the $\frac{1}{4}$ sec. cor., hereinafter described.
	Therefore, the bearing of this half mile is S.89°44'W., and the distance is 39.92 chs.
	From the point 19 lks. N. of the $\frac{1}{4}$ sec. cor.,

Dependent Resurvey of the South Bdy. of Tps. 14 S., R. 7 E.

Chains.

West, with continuous measurement.

79.70 Fall 25 lks. N. of the cor. of secs. 4, 5, 32 and 33,
hereinafter described.

Therefore, the bearing of this half mile is S.89°55'W.,
and the distance is 39.78 chs.

From the cor. of secs. 4, 5, 32 and 33,

West, on retracement line along the N. bdy. of sec. 5.

39.94 Fall 13 lks. N. of the $\frac{1}{4}$ sec. cor., hereinafter de-
scribed.

Therefore, the bearing of this half mile is S.89°49'W.,
and the distance is 39.94 chs.

From the point 13 lks. N. of the $\frac{1}{4}$ sec. cor.,

West, with continuous measurement.

79.50 Fall 7 lks. N. of the cor. of secs. 5, 6, 31 and 32,
hereinafter described.

Therefore, the bearing of this half mile is N.89°55'W.,
and the distance is 39.56 chs.

From the cor. of secs. 5, 6, 31 and 32,

West, on retracement line along the N. bdy. of sec. 6.

40.11 Fall 39 lks. N. of the $\frac{1}{4}$ sec. cor., hereinafter de-
scribed.

Therefore, the bearing of this half mile is S.89°26'W.,
and the distance is 40.11 chs.

From the point 39 lks. N. of the $\frac{1}{4}$ sec. cor.,

West, with continuous measurement.

89.10 Fall 121 lks. N. of the closing cor. of Tps. 14 and 15
S., R. 7 E., hereinafter described.

Therefore, the bearing of the line from the $\frac{1}{4}$ sec. cor.
to the closing Tp. cor. is S.89°03'W., and the distance
is 48.99 chs.

Reestablishment of the Surveys executed by
James C. Dick, U. S. Deputy Surveyor in 1900.

True Lines.

Commence at the closing cor. of Tps. 14 S., R. 7 and 8

Dependent Resurvey of the South Bdy. of T. 14 S., R. 7 E.

Chains.

E., hereinbefore described.

S. $89^{\circ}33'$ W., on a true line on a dependent resurvey along the S. bdy. of T. 14 S., R. 7 E., bet. secs. 1 and 36.

Over rough mountainous land, through a scattering growth of fir and spruce timber and dense undergrowth of oak and buck brush, sagebrush and service berry bushes; asc. the abrupt W. side of Seeley Canyon 585 ft. to the top of spur.

2.00 Top of sloping ledge, 75 ft. high, bears N. 25° W. and S. 25° E.

5.90 Undergrowth becomes scattering; enter a heavy growth of fir and spruce timber, bears NE. and SW.

16.70 Leave timber, and enter medium dense undergrowth, bears NE. and SW.

16.80 Spur from S., projects northeasterly; precipitous descent of 610 ft. to the $\frac{1}{4}$ sec. cor. of sec. 1, over rough general W. slope.

18.00 Enter a scattering growth of fir and limber pine.

22.40 Perpendicular ledge, 60 ft. high, bears NE. and SW.

24.60 Perpendicular ledge, 55 ft. high, bears NE. and SW.

27.00 Head of draw, drains NW.

27.60 Leave undergrowth and limber pine, and enter a heavy growth of fir and spruce timber, bears NE. and SW.

29.53 The original $\frac{1}{4}$ sec. cor. of secs. 1 and 36, which is a sandstone, 15x12x9 ins., loosely set 6 ins. in the ground, marked $\frac{1}{4}$ on N. face, and witnessed by an aspen, 4 ins. diam., bearing S. $39^{\circ}15'$ W., 41 lks. dist., and marked $\frac{1}{4}$ S 1 B T. I am unable to find any evidence of the bearing tree in sec. 36, as recorded in the notes of the original survey. This cor. now pertains to sec. 1, only, and I reestablish the stone at the same point 10 ins. in the ground, so that the marking $\frac{1}{4}$ faces to the S.

Alongside of the original cor., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$

Dependent Resurvey of the South Fork of the 34th S. R. 7

Chains.

sec. cor. of sec. 1, with brass cap marked;

 $\frac{1}{4}$ S 1

1926

from which,

A Douglas fir, 4 ins. diam., bears S.51°30'E., 7
lks. dist., marked $\frac{1}{4}$ S 1 B T.

Thence,

S.89°27'W., with continuous measurement.

31.00 Leave fir and spruce, and enter a heavy growth of aspen
timber, bears NW. and SE.

36.90 Leave timber, and enter dense sagebrush undergrowth,
bears N.70°W. and S.70°E.

39.50 Leave sagebrush, and enter a heavy growth of fir, spruce
and aspen timber, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins.
in the ground, for $\frac{1}{4}$ sec. cor. of sec. 36, only, with
brass cap marked:

 $\frac{1}{4}$ S 36

1926

from which,

A Douglas fir, 8 ins. diam., bears N.7°45'E., 51
lks. dist., marked $\frac{1}{4}$ S 36 B T.

A Douglas fir, 7 ins. diam., bears N.58°W., 23
lks. dist., marked $\frac{1}{4}$ S 36 B T.

This cor. is located 170 ft. below the $\frac{1}{4}$ sec. cor. of
sec. 1.

41.00 Spur, 25 ft. below the $\frac{1}{4}$ sec. cor. of sec. 36, slopes
NW. about 4.00 chs. dist.; leave timber, and enter a
dense growth of oak and buck brush, sagebrush, service
berry and choke-cherry bushes, bears NW. and SE.; desc.
abrupt SW. slope 115 ft.

43.70 Stream of good clear water, 2 lks. wide, 2 ins. deep, in
wash, 60 lks. wide, 25 ft. deep, in the bottom of the
South Fork of Corner Canyon, course N.; asc. steep
general E. slope 525 ft. to the cor. of secs. 1 and 2.

Dependent Resurvey of the South Ely. of T. 14 S., R. 7 E.

Chains.

49.10 Leave dense undergrowth, and enter a heavy growth of aspen and scattering fir and spruce timber, bears NE. and SW.

69.17 The original cor. of secs. 1, 2, 35 and 36, which is a sandstone, 9x6x6 ins. above ground, firmly set, and marked with 1 notch on E. edge and 5 notches on W.

edge, and witnessed by four bearing trees as follows:

A dead aspen, 4 ins. diam., bears N.21°15'E., 13 lks. dist., marked T 14 S R 7 E S 36 B T.

An aspen, 4 ins. diam., bears S.28°45'E., 18 lks. dist., marked T 15 S R 7 E S 1 B T.

An aspen, partly dead, 6 ins. diam., bears S.15°30'W., 18 lks. dist., markings almost invisible.

An aspen, 5 ins. diam., bears N.57°30'W., 19 lks. dist., marked T 14 S R 7 E S 35 B T.

This cor. now pertains to secs. 1 and 2, only, and I deface the markings on the bearing trees in sec. 36, and mark a tree in sec. 2, which bears from the stone cor. as follows:

An aspen, 5 ins. diam., bears S.30°30'W., 24 lks. dist., marked T 15 S R 7 E S 2 B T.

Alongside of the original cor., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 1 and 2, with brass cap marked:

T14SR7E	
S 36	
S2	S1
T15S	R7E
1926	

Thence,

N.89°52'W., with continuous measurement.

74.10 Leave aspen, and enter a heavy growth of fir and spruce timber, bears N. and S.

75.10 Spur, 60 ft. above the cor. of secs. 1 and 2, projects N. approximately 20.00 chs. dist.; desc. W. slope 35 ft. to

Dependent Resurvey of the South Fork of the Colorado River

Chains.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 35 and 36, only, with brass cap marked:

T14S	R7E
S35	S36
S2	
T15SR7E	
1926	

from which,

A Douglas fir, 18 ins. diam., bears N.41°E., 127 lks. dist., marked T14 S R 7 E S 36 B T.

A Douglas fir, 15 ins. diam., bears N.72°45'W., 66 lks. dist., marked T 14 S R 7 E S 35 B T.

Land, mountainous, draining N. into Corner Canyon by Seelay Canyon and forks of Corner Canyon; portions of mile steep and rugged with sandstone outcroppings and ledges.

Soil, red sand, sandy loam and a dark mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. to 4th. rate. Timber, aspen, Alpine and Douglas fir, limber pine, and Engelmann spruce; maple is found along the bottoms of canyons.

Undergrowth, oak and buck brush, sagebrush, service berry and choke-cherry bushes.

Fair to good grazing land.

N.89°52'W., on a true line bet. secs. 2 and 35.

Desc. W. slope 35 ft., through a heavy growth of fir and spruce timber, and scattering undergrowth of deer browse, willows and young aspen.

2.20 Draw, drains N.; asc. 80 ft.

10.40 Spur, projects N. about 20.00 chs. dist.; desc. abrupt general W. slope 265 ft. to a fork of Corner Canyon:

22.50 Fir and spruce become scattering; enter a heavy growth of aspen timber, bears NE. and SW.

24.20 Fork of Corner Canyon, drains NE.; asc. steep SE. slope 185 ft. to

Dependent Resurvey of the South Bdy. of T. 14 S., R. 7 E.

Chains.
28.96

The original $\frac{1}{4}$ sec. cor. of secs. 2 and 35, which is a sandstone, 14x12x6 ins., lying on top of ground, marked $\frac{1}{4}$ on one face, and witnessed by a mound of stone, 2 ft. base, 1 $\frac{1}{2}$ ft. high, N. 2 lks. dist. This cor. now pertains to sec. 2, only, and I reestablish the stone at the same point, 10 ins. in the ground, so that the marking $\frac{1}{4}$ faces to the S.

Alongside of the original cor., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 2, with brass cap marked:

$$\frac{1}{4} S 2$$

1926

from which,

A Douglas fir, 12 ins. diam., bears S.46°15'E., 39 lks. dist., marked $\frac{1}{4} S 2 B T$.

A Douglas fir, 7 ins. diam., bears S.23°30'W., .93 lks. dist., marked $\frac{1}{4} S 2 B T$.

Thence,

S.89°58'W., with continuous measurement.

29.40 Leave timber and scattering undergrowth, and enter a dense growth of oak and buck brush, sagebrush, service berry and choke-cherry bushes, bears N. and S.

32.50 Leave undergrowth, and enter a heavy growth of aspen and scattering fir and spruce timber, bears NE. and SW.

35.30 Leave timber, and enter dense undergrowth of oak and buck brush, and service berry bushes, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 35, only, with brass cap marked:

$$\frac{1}{4} S 35$$

1926

from which,

An aspen, 4 ins. diam., bears N.23°30'W., 38 lks. dist., marked $\frac{1}{4} S 35 B T$.

An aspen, 3 ins. diam., bears N.62°30'W., 37 lks. dist., marked B T.

Dependent Remover of the South Div. of the Forest, R. T.

Chains.

- This cor. stands on a SE. slope 440 ft. above the 3 sec. cor. of sec. 2.
- 41.70 Leave undergrowth, and enter a heavy growth of aspen timber, bears N. and S.
- 46.50 Leave timber, and enter opening covered with dense short sagebrush, bears N.30°E. and S.30°W.
- 47.30 Spur, 245 ft. above 3 sec. cor. of sec. 36, projects NE. approximately 15.00 chs. dist.; desc. gradually 15 ft. to the head of draw.
- 49.50 Leave sagebrush, and enter a scattering growth of deer browse, young fir, spruce and aspen, bears NE. and SW.
- 49.70 Leave opening, and enter a heavy growth of fir and spruce timber, bears NE. and SW.
- 57.50 Head of draw, drains NE.; asc. SE. slope 350 ft. to the top of spur.
- 58.00 Leave fir and spruce, and enter heavy aspen timber, bears NE. and SW.
- 58.20 Enter a scattering growth of fir and spruce timber.
- 58.40 Spur, projects NE. about 10.00 chs. dist.; desc. 50 ft. to the head of draw.
- 57.80 Leave timber, bears NE. and SW.
- 57.40 Leave scattering undergrowth.
- 58.50 Head of draw, drains NE.; asc. general NE. slope 20 ft. to
- 58.42 Proportionate point.
- Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 2 and 3, only, with brass cap marked:

T14SR7E
S36
58/82
T15SR7E
1926

from which,

An Alpine fir, 20 ins. diam., bears S.82°30'E., 147 lks. dist., marked T 15 S R 7 E S 2 B T.

There are no trees available in sec. 3; therefore, I raise a mound of stone, 4 ft. base, 1½ ft. high, S. of

Dependent Resurvey of the South Bdy. of T. 14 S., R. 7 E.

Chains.

cor.

71.60 Castle Valley Ridge, 85 ft. above the cor. of secs. 2 and 3, bears NW. and SE.; desc. SW. slope 90 ft. to the cor. of secs. 34 and 35.

75.70 Enter a dense growth of sagebrush, bears NW. and SE.

75.90 Stock trail bears NW. to Nuc Woodward Canyon and SE. to Gentry Mountain.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 34 and 35, only, with brass cap marked:

T14S	R7E
S34	S35
S3	
T15SR7E	
1926	

from which,

An aspen, 5 ins. diam., bears N.43°E., 132

lks. dist., marked T 14 S R 7 E S 35 B T.

An aspen, 7 ins. diam., bears N.63°15'W., 376

lks. dist., marked T 14 S R 7 E S 34 B T.

Land, abrupt and mountainous with outcroppings of sandstone formation; drainage N. and NE. into Corner Canyon, E. 71.60 chs.; W. 8.40 chs. drain generally to the W. into Nuc Woodward Canyon.

Soil, sandy loam or a dark or black loam, about 3 ins. to 5 ft. deep, lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.

Timber, aspen, Alpine and Douglas fir, and Engelmann spruce.

Undergrowth, oak and buck brush, sagebrush, service berry and choke-cherry bushes, deer browse, willows, young aspen, fir and spruce.

Excellent growth of grass on greater portion of mile.

S.89°58'W., on a true line bet. secs. 3 and 34.

Over mountainous land, through dense undergrowth of sagebrush; desc. SW. slope 545 ft. to the $\frac{1}{4}$ sec. cor. of sec. 3.

Dependent Resurvey of the South Edge of the Woodward Canyon

Chains.	
4.90	Enter a scattering growth of aspen timber.
16.60	Sagebrush becomes more scattering; enter a medium heavy growth of aspen timber, bears NW. and SE.
18.80	Stock trail bears NW. to the bottom of Nuc Woodward Canyon and SE. to the top of Castle Valley Ridge.
22.10	Small stream of good clear water from spring to the NE. about 2.50 chs. dist., course SW.
27.00	Leave timber, bears NE. and SW.
28.68	Proportionate point.
	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 3, only, with brass cap marked:
	$\frac{1}{4}$ S 3
	1926
	from which,
	An aspen, 5 ins. diam., bears S.36°30'E., 153 lks. dist., marked $\frac{1}{4}$ S 3 B T.
	An aspen, 7 ins. diam., bears S.41°45'W., 177 lks. dist., marked $\frac{1}{4}$ S 3 B T.
29.20	Leave sagebrush, and enter a medium heavy growth of aspen timber, bears NE. and SW.
39.00	Leave timber, bears NW. and SE.
39.40	Stream of good clear water, 6 lks. wide, 6 ins. deep, in wash, 25 lks. wide, 6 ft. deep, in the bottom of Nuc Woodward Canyon, 320 ft. below the $\frac{1}{4}$ sec. cor. of sec. 3, course S.; asc. abrupt E. slope 15 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 34, only, with brass cap marked:
	$\frac{1}{4}$ S 34
	1926
	from which,
	An aspen, 7 ins. diam., bears N.46°E., 25 lks. dist., marked $\frac{1}{4}$ S 34 B T.
	An aspen, 5 ins. diam., bears N.55°30'W., 24 lks. dist., marked $\frac{1}{4}$ S 34 B T.

Dependent Resurvey of the South Edy. of T. 14 S., R. 7 E.

Chains.

- From this $\frac{1}{4}$ sec. cor., begin steep ascent of 495 ft. to the top of spur, over general NE. slope.
- 40.20 Enter a heavy growth of aspen and scattering fir and spruce timber, bears N. and S.
- 40.40 Main trail in the bottom of Nuc Woodward Canyon, bears N. and S.
- 44.30 Leave timber, and enter medium dense undergrowth of deer browse, willows, young fir and spruce, bears N. and S.
- 45.70 Enter a medium heavy growth of aspen timber, bears NE. and SW.
- 55.00 Spur, projects SE. about 15.00 chs. dist.; leave undergrowth of willows, fir and spruce, bears NW. and SE.; asc. 220 ft. to the cor. of secs. 3 and 4, across the head of draw, draining SE.
- 55.90 Leave timber, and enter dense sagebrush undergrowth, bears NW. and SE.
- 59.70 Leave undergrowth of sagebrush and deer browse, and enter a dense growth of tall choke-cherry bushes, bears NE. and SW.
- 59.90 Enter a scattering growth of aspen timber.
- 68.54 The original cor. of secs. 3, 4, 33 and 34, which is a sandstone, 20x9x9 ins., loosely set 10 ins. in the ground, marked with 3 notches on each of the E. and W. edges, and witnessed by a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor. This cor. now pertains to secs. 3 and 4, only, and I reestablish the stone at the same point 15 ins. in the ground, and change the mound of stone from its position on the W. to S. of the cor.
- Alongside of the original cor., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 3 and 4, with brass cap marked:

T14SR7E

S34

S4 S3

T15S R7E

1926

Dependent Resurvey of the South Div. of T. 33 N. R. 7 E.

Chains.

from which,

An aspen, 6 ins. diam., bears S.35°15'E., 32
lks. dist., marked T 15 S R 7 E S 3 B T.

An aspen, 7 ins. diam., bears S.26°30'W., 12
lks. dist., marked T 15 S R 7 E S 4 B T.

Thence,

S.89°44'W., with continuous measurement.

68.80 Leave timber.

72.80 Leave dense undergrowth, bears NE. and SW.

75.50 Enter a medium heavy growth of aspen timber, bears NW.
and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 33 and 34, only, with
brass cap marked:

T14S	R7E
S33	S34
S4	
T15SR7E	
1926	

from which,

An aspen, 5 ins. diam., bears N.15°30'E., 69
lks. dist., marked T 14 S R 7 E S 34 B T.

An aspen, 6 ins. diam., bears N.29°45'W., 22
lks. dist., marked T 14 S R 7 E S 33 B T.

This cor. stands on a general SE. slope, 170 ft. above
the cor. of secs. 3 and 4.

Land, line crosses Nuc Woodward Canyon, which has abrupt
sides with outcroppings of sandstone formation;
general drainage S.

Soil, red sandy loam, or a dark or black mountain loam,
about 6 ins. to several ft. deep, lying on a clay sub-
soil or on bedrock; 1st. to 3rd. rate.

Timber, aspen, Alpine and Douglas fir, and Engelman
spruce. Blue spruce grows along the bottom of Nuc
Woodward Canyon.

Undergrowth, sagebrush, deer browse, choke-cherry bushes,
young fir and spruce, and willows.

Good grazing land.

Dependent Resurvey of the South Bdy. of T. 14 S., R. 7 E.

Chains.

S. $89^{\circ}44'$ W., on a true line bet. secs. 4 and 33.

Asc. general SE. slope 35 ft., through a medium heavy growth of aspen timber.

5.50 Leave timber, enter opening, bears NW. and SE.

7.70 Spur from S. 70° W., forks northeasterly and southeasterly; desc. NW. slope 30 ft. to the head of ravine.

8.50 Enter a medium heavy growth of aspen timber, bears NE. and SW.

12.50 Leave timber, bears NE. and SW.

14.90 Head of ravine, drains N.; asc. general NE. slope 90 ft. to the $\frac{1}{4}$ sec. cor. of sec. 4.

25.00 Enter scattering undergrowth of gooseberry bushes.

28.10 Stock trail bears SE. to Trough Springs.

28.46 The original $\frac{1}{4}$ sec. cor. of secs. 4 and 33, which is a sandstone, 12x7x5 ins. above ground, firmly set and marked $\frac{1}{4}$ on N. face, and witnessed by two bearing trees as follows:

An Alpine fir, 24 ins. diam., bears N. $0^{\circ}30'$ W., 166 lks. dist., marked $\frac{1}{4}$ S 33 B T.

An Alpine fir, 20 ins. diam., bears S. 46° E., 55 lks. dist., marked $\frac{1}{4}$ S 4 B T.

This cor. now pertains to sec. 4, only, so I deface the markings on the bearing tree in sec. 33, and reestablish the stone at the same point 9 ins. in the ground, so that the marking $\frac{1}{4}$ faces to the S. I also mark a tree in sec. 4, which bears from the stone cor. as follows:

An Alpine fir, 14 ins. diam., bears S. $28^{\circ}45'$ W., 250 lks. dist., marked $\frac{1}{4}$ S 4 B T.

Alongside of the original cor., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 4, with brass cap marked:

$\frac{1}{4}$ S 4

1926

From this $\frac{1}{4}$ sec. cor., Trough Springs, draining NE.,

Dependent Resurvey of the South Rdy. of T. 14 S., R. 7 E.

Chains. bear S.33°W. 4.39 chs. dist. These springs fill a trough, 80 ft. long, 8 ins. deep, for watering stock.

Thence,

S.89°55'W., with continuous measurement.

29.40 Enter a medium growth of aspen and fir timber, bears N. and S.

33.20 Stock trail bears SE. to Trough Springs.

34.10 Leave timber, bears NW. and SE.

36.70 Trough Springs Ridge, 260 ft. above $\frac{1}{4}$ sec. cor. of sec. 4, bears N.20°W. and S.20°E.; desc. SW. slope 15 ft. to the $\frac{1}{4}$ sec. cor. of sec. 33.

38.90 Leave gooseberry bushes.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 33, only, with brass cap marked:

$\frac{1}{4}$ S 33

1926

from which,

An aspen, 4 ins. diam., bears N.55°30'W., 92

lks. dist., marked $\frac{1}{4}$ S 33 B T.

An aspen, 4 ins. diam., bears N.66°15'W., 82

lks. dist., marked $\frac{1}{4}$ S 33 B T.

From this cor. begin abrupt descent of 455 ft. to the bottom of ravine, over SW. slope.

40.50 Enter a heavy growth of aspen timber, bears NW. and SE.

44.30 Leave timber, bears NW. and SE.; stock trail bears southeasterly to Trough Springs.

47.10 Enter a medium heavy growth of aspen timber, bears NE. and SW.

49.00 Leave timber, bears NW. and SE.

52.00 Enter a heavy growth of aspen timber, bears NE. and SW.

64.50 Dry wash, 30 lks. wide, 10 ft. deep, in the bottom of ravine, drains S.; asc. gradual E. slope 55 ft. to the cor. of secs. 4 and 5.

66.70 A small stream of good clear water, course SE.

68.24 The original cor. of secs. 4, 5, 32 and 33, which is a

Dependent Resurvey of the South Bdy. of T. 14 S., R. 7 E.

Chains.

sandstone, 12x12x6 ins. above ground, firmly set, marked with 4 notches on E. edge and 2 notches on W. edge, and witnessed by bearing trees as follows:

An aspen, 12 ins. diam., bears N.52°30'E., 53

lks. dist., marked T 14 S R 7 E S 33 B T.

An aspen, 10 ins. diam., bears S.53°15'E., 58

lks. dist., marked T 15 S R 7 E S 4 B T.

An aspen, 12 ins. diam., bears S.5°15'W., 74

lks. dist., marked T 15 S R 7 E S 5 B T.

A tree plainly marked T 14 S R 7 E S 32 B T. is dead and lies on top of the ground. This cor. now pertains to secs. 4 and 5, only, and I destroy the markings on the tree in sec. 33.

Alongside of the original cor., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 4 and 5, with brass cap marked:

T14SR7E	
S33	
S5	S4
T15S	R7E
1926	

From this cor., a small spring of good cold water, bears N.19°15'W. 92 lks. dist.

Thence,

S.89°49'W., with continuous measurement.

72.00 Leave timber, bears NW. and SE.; ascent becomes abrupt.

74.70 Spur, 155 ft. above the cor. of secs. 4 and 5, projects S.20°W.; desc. NW. slope 95 ft. to the cor. of secs. 32 and 33.

76.30 Enter a heavy growth of aspen, fir and spruce timber, bears N.20°E. and S.20°W.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 32 and 33, only, brass cap marked:

T14S	R7E
S32	S33
S5	
T15S	R7E
1926	

from which,

Dependent Resurvey of the South Bdy. of T. 14 S., R. 7

Chains.

An Alpine fir, 8 ins. diam., bears N.53°15'E., 19
lks. dist.; marked T 14 S R 7 E S 33 B T.

An Alpine fir, 8 ins. diam., bears N.16°30'W., 49
lks. dist.; marked T 14 S R 7 E S 32 B T.

Land, abrupt and mountainous with outcroppings of sand-
stone formation; drainage NE. and SE. into Nuc Wood-
ward Canyon, E. 38.70 chs.; W. 41.30 chs. drain SW.
and NW: into Huntington Canyon.

Soil, red sandy loam, or a dark or black mountain loam,
varying in depth from a few ins. to several ft., lying
on a clay subsoil or on bedrock; 1st. to 3rd. rate.

Timber, aspen, Alpine and Douglas fir; and Engelmann
spruce.

Undergrowth, sparse growth of gooseberry bushes.

Excellent grazing land.

S.89°49'W., on a true line bet. secs. 5 and 32.

Over mountainous land, through a heavy growth of fir and
spruce and scattering aspen timber, and medium dense
undergrowth of gooseberry bushes, young fir and spruce;
desc. the abrupt E. side of Huntington Canyon, 365 ft.
to the $\frac{1}{4}$ sec. cor. of sec. 5, across the head of draw,
draining NW.

17.10 Enter a medium dense growth of deer browse, bears NE.
and SW.

28.18 The original $\frac{1}{4}$ sec. cor. of secs. 5 and 32, which is a
sandstone, 12x9x4 ins. above ground, firmly set, marked
 $\frac{1}{4}$ on N. face, and witnessed by two bearing trees as
follows:

An aspen, 8 ins. diam., bears N.35°45'W., 17
lks. dist., marked $\frac{1}{4}$ S 32 B T.

An aspen, 10 ins. diam., bears S.2°15'W., 30
lks. dist., marked $\frac{1}{4}$ S 5 B T.

This cor. now pertains to sec. 5, only, so I deface the
markings on the tree in sec. 32, and reestablish the

Dependent Resurvey of the South Bdy. of T. 14 S., R. 7 E.

Chains.

stone at the same point 8 ins. in the ground, so that the marking $\frac{1}{4}$ faces to the S. Then, witness the cor. with a tree in sec. 5 as follows:

A Douglas fir, 12 ins. diam., bears S.23°45'W., 37 lks. dist., marked $\frac{1}{4}$ S 5 B T.

Alongside of the original cor., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 5, with brass cap marked:

$\frac{1}{4}$ S 5

1926

Thence,

N.89°55'W., with continuous measurement.

37.00 Leave medium dense growth of gooseberry bushes, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 32, only, with brass cap marked:

$\frac{1}{4}$ S 32

1926

from which,

A Douglas fir, 5 ins. diam., bears N.8°45'E., 5 lks. dist., marked $\frac{1}{4}$ S 32 B T.

A Douglas fir, 7 ins. diam., bears N.48°15'W., 22 lks. dist., marked $\frac{1}{4}$ S 32 B T.

This cor. stands 130 ft. below the $\frac{1}{4}$ sec. cor. of sec. 5.

50.50 Leave young fir and spruce undergrowth, and enter a dense growth of young aspen, bears NW. and SE.

51.00 Leave fir and spruce timber, and enter a heavy growth of aspen timber, bears NW. and SE.

52.50 Spur, 195 ft. below $\frac{1}{4}$ sec. cor. of sec. 32, projects northwesterly approximately 40.00 chs. dist.; precipitous descent of 475 ft. to the cor. of secs. 5 and 6, over general SW. slope.

57.00 Aspen timber becomes more scattering; enter a medium heavy growth of fir and spruce timber, bears NW. and SE.

57.50 Leave young aspen undergrowth, and enter a dense growth

Dependent Resurvey of the South Bdy. of T. 14 S., R. 7

Chains.

of sagebrush, bears NW. and SE.

62.90 Leave aspen and medium heavy growth of fir and spruce timber, bears NW. and SE.

63.20 Enter a scattering growth of fir timber.

65.40 Top of nearly perpendicular ledge, 100 ft. high, bears NW. and SE.

67.74 The original cor. of secs. 5, 6, 31 and 32, which is a sandstone, 10x7x5 ins. above ground, firmly set, marked with 5 notches on E. edge and 1 notch on W. edge, and witnessed on the W. by a mound of stone, 2 ft. base, 1½ ft. high, and by the following bearing trees:

A Douglas fir, 30 ins. diam., bears S.33°45'E., 145 lks. dist., marked T 15 S R 7 E S 5 B T.

A Douglas fir, 30 ins. diam., bears S.16°45'W., 90 lks. dist., marked T 15 S R 7 E S 6 B T.

A Douglas fir, 36 ins. diam., bears N.22°45'W., 34 lks. dist., marked T 14 S R 7 E S 31 B T.

This cor. now pertains to secs. 5 and 6, only; therefore

I destroy the markings on the tree in sec. 31, and change the mound of stone from its position on the W. to S. of the cor.

Alongside of the original cor., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 5 and 6, with brass cap marked:

T14SR7E	
S32	
S6	S5
T15S	R7E
1926	

Thence,

S.89°26'W., with continuous measurement.

71.50 Leave sagebrush, and enter dense undergrowth of deer browse and young aspen, bears NW. and SE.

71.70 Enter a heavy growth of aspen timber, bears NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 31 and 32, only, with brass cap marked:

Dependent Resurvey of the South Edy. of T. 14 S., R. 7 E.

Chains.

T14S	R7E
S31	S32
S6	
T15S	R7E
1926	

from which,

An aspen, 5 ins. diam., bears N.27°15'E., 13
lks. dist., marked T 14 S R 7 E S 32 B T.

An aspen, 6 ins. diam., bears N.63°45'W., 46
lks. dist., marked T 14 S R 7 E S 31 B T.

This cor. is located 340 ft. below the cor. of secs. 5
and 6.

Land, steep E. side of Huntington Canyon, which drains
generally to the S.; sandstone exposed in the form of
outcroppings and ledges on portions of mile.

Soil, red sandy loam, or a dark or black mountain loam,
about 1 to 5 ft. deep, lying on a clay subsoil or on
bedrock; 1st. to 3rd. rate.

Timber, aspen, Alpine and Douglas fir, and Engelmann
spruce.

Undergrowth, gooseberry bushes, young aspen, fir and
spruce, and sagebrush and deer browse.

Good growth of grass and browse.

S.89°26'W., on a true line bet. secs. 6 and 31.

Desc. SW. slope 15 ft., through a heavy growth of aspen
and scattering fir and spruce timber, and dense under-
growth of deer browse and young aspen.

0.40 Leave undergrowth, bears N. and S.

0.60 Leave timber, bears N.15°W. and S.15°E.

0.70 Base of descent, bears N.15°W. and S.15°E.; over level
bottom of Huntington Canyon.

0.90 A well traveled auto and wagon road, bears N.15°W. to
Mount Pleasant, Utah and S.15°E. to Huntington, Utah.

1.00 Enter a dense growth of willows, bears N.15°W. and S.15°E.

5.10 Stream of good clear water, 40 lks. wide, 1 ft. deep,
course S.15°E.

6.40 Leave dense growth of willows, bears NW. and SE.

Dependent Resurvey of the South Bdy. of T. 14 S., R. 7 E.

Chains.	
6.60	Leave bottom of canyon, bears N.15°W. and S.15°E.; begin abrupt ascent of 315 ft. to the top of spur, over SE. slope.
6.80	Enter a heavy growth of aspen, fir and spruce timber, bears NE. and SW.
7.00	Enter a dense growth of deer browse, young aspen, fir and spruce, bears NE. and SW.
18.90	Spur, projects NE. about 7.00 chs. dist.; desc. NW. slope 35 ft. to the $\frac{1}{4}$ sec. cor. of sec. 6.
26.00	Enter dense undergrowth of willows, gooseberry and choke-cherry bushes, bears NE. and SW.
26.80	Leave heavy growth of fir and spruce timber, bears NE. and SW.
27.85	The original $\frac{1}{4}$ sec. cor. of secs. 6 and 31, which is an outcropping 36x30x12 ins. above ground, marked $\frac{1}{4}$ X on face and witnessed by two bearing trees as follows: An Alpine fir, 10 ins. diam., bears N.66°15'E., 18 lks. dist., marked $\frac{1}{4}$ S 31 B T. An Alpine fir, which is dead, 5 ins. diam., bears S.27°30'W., 15 lks. dist., marked $\frac{1}{4}$ S 6 B T. This cor. now pertains to sec. 6, only; therefore, I deface the markings on the tree in sec. 31, and mark two trees in sec. 6; which witness the cross (X) on the stone cor. as follows: An aspen, 7 ins. diam., bears S.57°30'E., 31 lks. dist., marked $\frac{1}{4}$ S 6 B T. An Engelmann spruce, 8 ins. diam., bears S.15°15'W., 32 lks. dist.; marked $\frac{1}{4}$ S 6 B T. The marked outcropping is located on a rugged and abrupt slope, where it is impracticable to reestablish the $\frac{1}{4}$ sec. cor. with an iron post. Thence, S.89°03'W., with continuous measurement.
28.00	Draw, 15 ft. below the $\frac{1}{4}$ sec. cor. of sec. 6, drains N.70°E.; asc. abrupt SE. slope 250 ft.
35.80	Top of ascent on SE. slope; desc. 15 ft. to the bottom

Dependent Resurvey of the South Bdy. of T. 14 S., R. 7 E.

Chains.

of draw,

37.00 Leave timber, bears NW. and SE.

37.20 Leave undergrowth, bears NW. and SE.

39.60 Draw, drains southeasterly; asc. NE. slope 85 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor. of sec. 31, only, with brass cap marked:

 $\frac{1}{4}$ S 31

1926

from which,

An aspen, 8 ins. diam., bears N. $53^{\circ}30'E.$, 164lks. dist., marked $\frac{1}{4}$ S 31 B T.An Engelmann spruce, 4 ins. diam., bears N. $66^{\circ}15'W.$,35 lks. dist., marked $\frac{1}{4}$ S 31 B T.

From this cor. begin steep ascent of 550 ft. to the top of spur, over general SE. slope.

43.50 Enter a medium heavy growth of aspen timber, bears N. and S.

45.40 Leave timber, bears NE. and SW.

50.40 Enter a heavy growth of aspen timber, bears NE. and SW.

51.60 Leave timber, bears NE. and SW.

53.00 Enter a medium heavy growth of aspen, fir and spruce timber, bears NW. and SE.

53.20 Enter medium dense undergrowth of willows, young aspen, fir and spruce, bears NW. and SE.

56.10 Leave aspen, and enter a heavy growth of fir and spruce timber, bears NE. and SW.

56.40 Spur, projects northeasterly approximately 15.00 chs. dist.; desc. NW. slope 115 ft.

69.10 Draw, drains N.; asc. E. slope 90 ft.

75.20 Spur, projects N. about 20.00 chs. dist.; desc. gradual W. slope 15 ft. to

76.84 The original closing cor. of Tps. 14 and 15 S., R. 7 E., which is a sandstone, 12x7x4 ins. above ground, firmly set, marked with 6 grooves and C C on E. face, and 6

Dependent Resurvey of the South Bdy. of T. 14 S., R. 6 E.

Chains.

grooves on each of the N., S. and W. faces, and witnessed by

An aspen, 9 ins. diam., bears N.14°15'E., 22

lks. dist., marked T 14 S R 7 E S 31 C C B T.

An aspen, dead, 5 ins. diam., bears N.88°15'E., 10

lks. dist., marked T 15 S R 7 E S 6 C C B T.

This cor. now serves only as a witness point, and in addition to its present markings, I chisel the letters W P on the E. face of the stone, and change the marking on the live bearing tree in sec. 31, so as to read T 14 S R 7 E S 31 W P B T. Then, mark a tree in sec. 6 to witness the cor. as follows:

A Douglas fir, 4 ins. diam., bears S.85°45'E., 47

lks. dist., marked T 15 S R 7 E S 6 W P B T.

Thence, on same line with continuous measurement.

- 77.31 Intersect the E. bdy. of T. 14 S., R. 6 E., N.0°17'E. 29.56 chs. dist. from the cor. of Tps. 14 and 15 S., R. 6 E., hereinafter described, and at the point of intersection, set an iron post, 3 ft. long, 3 ins. in diam., 27 ins. in the ground, for closing cor. of Tps. 14 and 15 S., R. 7 E., with brass cap marked:

T14S	T14S
S36	R7E
R6E	S31 C
	S6 C
	T15S.

1926

from which,

A Douglas fir, 5 ins. diam., bears N.17°45'E., 16

lks. dist., marked T 14 S R 7 E S 31 C C B T.

A Douglas fir, 7 ins. diam., bears S.55°E., 47

lks. dist., marked T 15 S R 7 E S 6 C C B T.

Land, steep sides and level bottom of Huntington Canyon, E. 56.40 chs.; abrupt general S. side of the South Fork of Flood Canyon, W. 20.91 chs.; outcroppings of sandstone formation; general drainage into Huntington Creek, thence S.

Soil, red sandy loam, or a dark or black mountain loam,

Dependent Resurvey of the South Bdy. of T. 14 S., R. 7 E.

Chains,

varying in depth from about 1 to several ft., lying on a clay subsoil or on bedrock; 1st. to 3rd. rate. Timber, aspen, Alpine and Douglas fir, and Engelmann spruce. Blue spruce is found along the bottom of Huntington Canyon, and at the mouths of some of the draws.

Undergrowth, deer browse, willows, young aspen, fir, and spruce, and gooseberry and choke-cherry bushes.

Excellent growth of grass and browse on portions of mile.

Dependent Resurvey of the West Bdy. of T. 14 S., R. 7 E.

Random Lines.

From the cor. of Tps. 14 and 15 S., R. 6 E., hereinafter described,

North, on retracement line along the E. bdy. of T. 14 S., R. 6 E., on the E. bdy. of sec. 36.

40.00 Unable to find any trace of the $\frac{1}{2}$ sec. cor., after diligent search.

80.00 Unable to find any trace of the cor. of secs. 25, 30, 31 and 36, after diligent search.

North, on retracement on same line with continuous measurement, along the E. bdy. of sec. 25.

120.00 Unable to find any evidence of the $\frac{1}{2}$ sec. cor., after diligent search.

161.52 Fall 78 lks. W. of the cor. of secs. 19, 24, 25 and 30, hereinafter described.

Therefore, the bearing of the line bet. the cor. of Tps. 14 and 15 S., R. 6 E., and the cor. of secs. 19, 24, 25 and 30, is N.0°17'E., and the proportionate distance for each half mile is 40.38 chs.

From the cor. of secs. 19, 24, 25 and 30,

North, on retracement line along the E. bdy. of sec. 24.

39.72 Fall 48 lks. W. of the $\frac{1}{2}$ sec. cor., hereinafter described.

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Dependent Resurvey of the West Bdy. of T. 14 N., R. 6 E., S. 6 E.

Chains.	Therefore, the bearing of this half mile is N. 0° 41' E., and the distance is 39.72 chs. From the point 48 lks. W. of the $\frac{1}{4}$ sec. cor. North, with continuous measurement.
80.00	Unable to find any trace of the cor. of secs. 13, 18, 19 and 24, after diligent search. North, on retracement on same line with continuous measurement, along the E. bdy. of sec. 13.
120.06	Fall 42 lks. W. of the $\frac{1}{4}$ sec. cor., hereinafter described. Therefore, the bearing of the line bet. the $\frac{1}{4}$ sec. cor. of secs. 19 and 24, and the $\frac{1}{4}$ sec. cor. of secs. 13 and 18, is N. 0° 03' W., and the proportionate distance for each half mile is 40.17 chs. From the $\frac{1}{4}$ sec. cor. of secs. 13 and 18, North, on retracement line along the E. bdy. of sec. 13.
40.00	Unable to find any evidence of the cor. of secs. 7, 12, 13 and 18, after diligent search. North, on retracement on same line with continuous measurement, bet. secs. 7 and 12.
80.00	Unable to find any evidence of the $\frac{1}{4}$ sec. cor., after diligent search.
121.02	Fall 2.73 chs. W. of the cor. of secs. 1, 6, 7 and 12, hereinafter described. Therefore, the bearing of the line bet. the $\frac{1}{4}$ sec. cor. of secs. 13 and 18, and the cor. of secs. 1, 6, 7 and 12, is N. 1° 18' E., and the proportionate distance for each half mile is 40.35 chs.

Reestablishment of the Surveys executed by

Andrew J. Stewart, Jr., U. S. Deputy Surveyor in 1875.

True Lines.

Commence at the cor. of Tps. 14 and 15 S., R. 6 E., which is a sandstone, 16x16x6 ins. above ground, firmly set and surrounded by a mound of stone, 5 ft. base,

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Dependent Resurvey of the West Bdy. of T. 14 S., R. 7 E.

Chains.

marked with 6 notches on each of the N., S. and W. edges, and witnessed by

An aspen, 10 ins. diam., bears N. 71° 45' W., 16 lks. dist., marked T 14 S R 6 E S 36 B T.

An aspen, 9 ins. diam., bears S. 9° W., 31 lks. dist., marked T 15 S R 6 E S 1 B T.

N. 0° 17' E., on a true line on a dependent resurvey along the E. bdy. of T. 14 S., R. 6 E., on the E. bdy. of sec. 36.

Over mountainous land, through a medium heavy growth of aspen timber, and scattering undergrowth of deer browse, currant and gooseberry bushes; desc. NE. slope 20 ft.

4.80 Draw, drains SE.; asc. abrupt SE. slope 220 ft. to the top of spur.

11.00 Leave timber, bears NE. and SW.

14.30 Enter a scattering growth of aspen timber.

15.40 Spur, projects NE. about 8.00 chs. dist., then forks northeasterly and southeasterly; desc. steep NW. slope 330 ft. to the closing cor. of Tps. 14 and 15 S., R. 7 E.

16.50 Enter a heavy growth of fir and spruce timber, bears NE. and SW.

17.00 Enter medium dense undergrowth of young aspen, fir and spruce, bears NE. and SW.

29.56 The closing cor. of Tps. 14 and 15 S., R. 7 E., hereinbefore described, and subsequently established.

40.38 Proportionate point, 360 ft. below the closing cor. of Tps. 14 and 15 S., R. 7 E.

Set, an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 36, with brass cap marked:

S 36 $\frac{1}{4}$

1926

from which,

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Dependent Resurvey of the West Bdy. of T. 14 S. R. 7 E.

Chains.

- A Douglas fir, 6 ins. diam., bears N.81°45'W., 60 lks. dist., marked $\frac{1}{4}$ S 36 B T.
- A Douglas fir, 9 ins. diam., bears S.54°W., 30 lks. dist., marked $\frac{1}{4}$ S 36 B T.
- 49.60 Stream of good clear water, 3 lks. wide, 2 ins. deep, in the bottom of the South Fork of Flood Canyon, 350 ft. below the $\frac{1}{4}$ sec. cor. of sec. 36, course E.; asc. abrupt SW. slope 60 ft. to the point of spur.
- 49.80 Leave fir and spruce timber, and enter a medium heavy growth of aspen timber, bears E. and W.
- 52.90 Point of spur from NW.; steep ascent of 570 ft. to the top of spur, across the head of draw, draining SE.
- 64.60 Leave timber, bears NW. and SE.
- 64.80 Leave undergrowth, bears NW. and SE.
- 65.70 Enter a medium heavy growth of aspen timber, bears NW. and SE.
- 66.40 Leave timber, bears NE. and SW.
- 69.30 Enter a medium heavy growth of aspen timber, bears NW. and SE.
- 70.80 Spur, projects SE. approximately 30.00 chs. dist.; desc. gradual NE. slope 10 ft. to
- 71.59 Southing of 40.00 chs. from the closing cor. of secs. 30 and 31, subsequently set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 31, with brass cap marked:
- $\frac{1}{4}$ S 31
1927
- from which,
- An aspen, 7 ins. diam., bears N.83°15'E., 20 lks. dist., marked $\frac{1}{4}$ S 31 B T.
- An aspen, 4 ins. diam., bears S.70°30'E., 14 lks. dist., marked $\frac{1}{4}$ S 31 B T.
- From this $\frac{1}{4}$ sec. cor., desc. abrupt NE. slope 185 ft. to the cor. of secs. 25 and 36.
- 71.90 Enter medium dense undergrowth of deer browse, young aspen, fir and spruce, bears NW. and SE.

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Dependent Resurvey of the West Bdy. of T. 14 S., R. 7 E.

Chains.

78.10 Enter a heavy growth of fir and spruce timber, bears NW. and SE.

80.76 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in diam., 22 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 1 ft. high, for cor. of secs. 25 and 36, with brass cap marked:

T14S	T14S
S25	
S36	R7E
R6E	S31
	1926

from which,

A Douglas fir, 10 ins. diam., bears N.25°15'W., 26 lks. dist., marked T 14 S R 6 E S 25 B T.

An Alpine fir, 12 ins. diam., bears S.67°15'W., 30 lks. dist., marked T 14 S R 6 E S 36 B T.

Land, steep and mountainous, draining E. and SE. into Huntington Canyon; outcroppings of sandstone formation on portions of mile.

Soil, red sandy loam, or a dark or black mountain loam, about 1 to 3 ft. deep, lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Alpine and Douglas fir, and Engelmann spruce.

Undergrowth, young aspen, fir and spruce, and deer browse, currant and gooseberry bushes.

Good grazing of grass and browse.

N.0°17'E., on a true line along the E. bdy. of sec. 25.

Desc. precipitous NE. slope 340 ft. to the bottom of the North Fork of Flood Canyon, through a heavy growth of fir and spruce and scattering aspen timber, and dense undergrowth of deer browse, young aspen, fir and spruce.

8.80 Leave timber, bears NW. and SE.

9.00 Leave undergrowth, bears NW. and SE.

9.50 Stream of good clear water, 2 lks. wide, 2 ins. deep, in

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Dependent Resurvey of the West Bdy. of T. 14 S., R. 7

Chains.

- wash, 90 lks. wide, 30 ft. deep, in the bottom of the North Fork of Flood Canyon, course SE.; asc. steep slope 500 ft. to the top of spur.
- 10.30 Enter a medium heavy growth of aspen timber, bears NW. and SE.
- 10.50 Enter dense undergrowth of deer browse, willows and young aspen, bears NW. and SE.
- 19.20 Leave timber, bears E. and W.
- 19.40 Leave undergrowth, bears NW. and SE.
- 22.30 Enter scattering growth of aspen timber.
- 25.30 Spur, projects southeasterly approximately 80.00 chs. dist.; enter a heavy growth of fir and spruce timber, bears NW. and SE.; desc. abrupt NE. slope 95 ft. to
- 30.83 The closing cor. of secs. 30 and 31, hereinafter described, and subsequently established.
- 33.20 Enter dense undergrowth of deer browse, bears NE. and SW.
- 37.70 Draw, 260 ft. below the closing cor. of secs. 30 and 31, drains NE.; asc. SE. slope 25 ft. to
- 40.38 Proportionate point.
- Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 25, with brass cap marked:
- S 25 $\frac{1}{4}$ |
1926
- from which,
- A Douglas fir, 7 ins. diam., bears N.52°15'W., 35 lks. dist., marked $\frac{1}{4}$ S 25 B T.
- A Douglas fir, 10 ins. diam., bears S.77°W., 20 lks. dist., marked $\frac{1}{4}$ S 25 B T.
- 44.30 Enter a heavy growth of aspen timber, bears NE. and SW.
- 54.00 Spur, 50 ft. above $\frac{1}{4}$ sec. cor. of sec. 25, projects NE.; desc. abruptly 430 ft. to the bottom of ravine.
- 54.30 Leave aspen timber, bears NE. and SW.
- 54.50 Enter dense undergrowth of young aspen, fir and spruce, bears NE. and SW.

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Dependent Resurvey of the West Bdy. of T. 14 S., R. 7 E.

Chains.

- 66.30 Leave timber, bears NE. and SW.
- 66.50 Undergrowth becomes scattering, bearing NE. and SW.
- 67.70 Stream of good clear water, 1-1k. wide, 1 in. deep, in the bottom of ravine, course NE.; asc. SE. slope 25 ft. to

- 70.77 Point midway bet. the closing cors. of secs. 19 and 30, and 30 and 31, subsequently set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 30, with brass cap marked:

$\frac{1}{4}$ S 30	
1927	

from which,

An aspen, 6 ins. diam., bears N.63°45'E., 39

lks. dist., marked $\frac{1}{4}$ S 30 B T.

An Engelmann spruce, 5 ins. diam., bears S.43°E.,

51 lks. dist., marked $\frac{1}{4}$ S 30 B T.

- 69.00 Enter a heavy growth of fir and spruce timber, bears NE. and SW.
- 71.30 Spur, 15 ft. above the $\frac{1}{4}$ sec. cor. of sec. 30, slopes SE. about 2.00 chs. dist.; desc. 20 ft.
- 72.90 Draw, drains SE.; asc. 20 ft.
- 74.80 Spur, projects easterly; fir and spruce become scattering; enter a heavy growth of aspen timber, bears E. and W.; desc. general N. slope 55 ft. to
- 80.76 The original cor. of secs. 19, 24, 25 and 30, which is a sandstone, 22x14x6 ins., loosely set 6 ins. in the ground, marked with 4 grooves on N. face and 2 notches on one of the S. edges, but no evidence of accessories. This cor. now pertains to secs. 24 and 25, and I reestablish the stone at the same point 16 ins. in the ground. Alongside of the original cor., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 24 and 25, with brass cap marked:

T14S	T14S
S24	R7E
S25	S30
R6E	
1926	

Pleasant Valley Guide Meridian.
Dependent Resurvey of the West Bdy. of T. 14 S., R. 7

Chains.

from which,

An Engelmann spruce, 12 ins. diam., bears

N. $63^{\circ}45'$ W., 75 lks. dist., marked T 14 S R 6 E

S 24 B T.

An Alpine fir, 8 ins. diam., bears S. $72^{\circ}15'$ W., 26

lks. dist., marked T 14 S R 6 E S 25 B T.

Land, steep and mountainous, draining SE. and NE. into
Huntington Canyon; outcroppings of sandstone formation
on portions of mile.

Soil, red sandy loam, or dark or black mountain loam,
about 1 to 3 ft. deep, lying on a clay subsoil or on
bedrock; 1st. and 2nd. rate.

Timber, aspen, Alpine and Douglas fir, blue and Engelmann
spruce.

Undergrowth, young aspen, fir and spruce, deer browse
and willows.

Fair growth of grass and browse.

N. $0^{\circ}41'$ E., on a true line along the E. bdy. of sec. 24.

Desc. steep general N. slope 270 ft. to the bottom of
Huntington Canyon, through a heavy growth of aspen and
scattering fir and spruce timber, and dense undergrowth
of deer browse, young aspen, fir and spruce.

0.40 Aspen becomes scattering, enter a heavy growth of fir
and spruce timber, bears E. and W.

8.60 Top of broken and nearly perpendicular ledge, 50 ft.
high, bears NW. and SE.

8.80 Leave timber, bears NW. and SE.; undergrowth becomes
scattering.

9.00 Base of descent, bears NW. and SE.; over nearly level
bottom of Huntington Canyon.

9.20 Stream of good clear water, 20 lks. wide, $1\frac{1}{2}$ ft. deep,
course SE.

11.50 A well travelled auto or wagon road, bears W. about 1.50
chs. dist., thence NW. to Mount Pleasant, Utah, and

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Chains.

E. about 2.00 chs. dist., thence SE. to Huntington, Utah.

13.70 Leave bottom of canyon, bears E. and W.; begin ascent of 50 ft., over SW. slope.

14.30 Point of spur from NE. about 8.00 chs. dist., thence from SE.; desc. gradual NW. slope 15 ft. to the bottom of Hughes Canyon.

14.50 Enter a medium heavy growth of aspen, fir and spruce timber, bears NE. and SW.

14.70 Undergrowth becomes dense; bearing NE. and SW.

24.70 Stream of good clear water, 3 lks. wide, 2 ins. deep, in wash, 60 lks. wide, 10 ft. deep, in the bottom of Hughes Canyon, course SW.; asc. abrupt SE. slope 90 ft. to the closing cor. of secs. 19 and 30.

27.30 Leave undergrowth, bears NE. and SW.

27.50 Perpendicular ledge, 20 ft. high, bears NE. and SW.; timber becomes scattering, bearing NE. and SW.; enter a dense growth of sagebrush.

29.95 The closing cor. of secs. 19 and 30, hereinafter described, and subsequently established.

30.90 Leave timber.

35.20 Spur, 55 ft. above the closing cor. of secs. 19 and 30, projects southwesterly approximately 15.00 chs. dist.; desc. gradual NW. slope 15 ft. to the $\frac{1}{4}$ sec. cor. of sec. 24.

35.40 Enter a heavy growth of aspen and scattering fir and spruce timber, bears NE. and SW.; leave sagebrush, and enter a dense growth of deer browse, young aspen, fir and spruce, bears NE. and SW.

39.72 The original $\frac{1}{4}$ sec. cor. of secs. 19 and 24, which is a sandstone, 18x14x5 ins. above ground, firmly set, and marked $\frac{1}{4}$ on W. face, and witnessed by

An aspen, 7 ins. diam., bears S.67°30'E., 15

lks. dist., marked $\frac{1}{4}$ S 19 B T.

This cor. now pertains to sec. 24, so I deface the mark-

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Dependent Resurvey of the West Bdy. of T. 14 S., R. 7 E.

Chains.

ings on the tree in sec. 19.

Alongside of the original cor., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 24, with brass cap marked:

S 24 $\frac{1}{4}$ |
1926

from which,

An aspen, 5 ins. diam., bears N.28°15'W., 14 lks. dist., marked $\frac{1}{4}$ S 24 B T.

An aspen, 7 ins. diam., bears S.38°30'W., 18 lks. dist., marked $\frac{1}{4}$ S 24 B T.

Thence,

N.0°03'W., with continuous measurement.

44.00 Head of draw, 15 ft. below the $\frac{1}{4}$ sec. cor. of sec. 24, drains SW.; precipitous ascent of 700 ft. to the top of spur, over rough SW. slope.

46.70 Leave timber, bears E. and W.

48.50 Enter a medium heavy growth of aspen, fir and spruce timber, bears SE. and SW.

52.10 Leave heavy growth of timber, bears NW. and SE., and enter scattering fir timber and sagebrush undergrowth.

63.40 Top of nearly perpendicular ledge, 80 ft. high, bears NW. and SE.

66.00 Enter a heavy growth of Douglas fir timber, bears NW. and SE.

67.70 Spur, projects southeasterly approximately 30.00 chs. dist.; leave Douglas fir and enter a heavy growth of aspen timber, bears NW. and SE.; leave undergrowth of sagebrush, young fir and spruce, and continue through a dense growth of deer browse and young aspen; asc. 5 ft. along NE. slope to

69.85 Point midway bet. the closing cors. of secs. 18 and 19, and 19 and 30, subsequently set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 19, with brass cap marked:

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Chains.

S 19

1927

from which,

An aspen, 6 ins. diam., bears N. 12° E., 58lks. dist., marked $\frac{1}{4}$ S 19 B T.An aspen, 5 ins. diam., bears S. $41^{\circ}30'$ E., 45lks. dist., marked $\frac{1}{4}$ S 19 B T.

From this $\frac{1}{4}$ sec. cor., continue ascent of 125 ft. along
NE. slope to

79.89 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in diam., 22 ins.
in the ground to bedrock, and in a mound of stone, 4
ft. base, 1 ft. high, for cor. of secs. 13 and 24,
with brass cap marked:

T14S	T14S
S13	R7E
S24	S19
R6E	
	1926

from which,

An aspen, 4 ins. diam., bears N. $60^{\circ}15'$ W., 22

lks. dist., marked T 14 S R 6 E S 13 B T.

An aspen, 4 ins. diam., bears S. $16^{\circ}45'$ W., 17

lks. dist., marked T 14 S R 6 E S 24 B T.

Land, steep and mountainous, draining N. and SW. into
Huntington Canyon, thence southeasterly; portions of
mile rough with outcroppings and ledges of sandstone
formation.

Soil, red sandy loam, or a dark or black mountain loam,
about 1 to 4 ft. deep, lying on a clay subsoil or on
bedrock; 1st. to 3rd. rate; a dark or a black loam,
several ft. deep, in the bottoms of Hughes and Hunting-
ton Canyons; 1st. rate.

Timber, aspen, Alpine and Douglas fir, and Engelmann and
blue spruce. Blue spruce predominates along the bottom
of Huntington Canyon.

Undergrowth, deer browse, sagebrush, young aspen, fir
and spruce.

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 Dependent Resurvey of the West Bdy. of Twp. 14 S., R. 7 E.

Chains.

Fair growth of grass and browse.

N.0°03'W., on a true line along the E. bdy. of sec. 13.
 Over mountainous land, through a heavy growth of aspen
 timber, and medium dense undergrowth of deer browse
 and young aspen; asc. abruptly 180 ft. to the top of
 spur, along general E. slope.

- 5.90 Head of draw, drains SE.
 11.10 Spur, projects E. about 20.00 chs. dist.; timber becomes
 more scattering, bearing E. and W.; asc. 145 ft. to
 the closing cor. of secs. 18 and 19, across the head
 of draw, draining SE.
 24.50 Leave undergrowth, bears NE. and SW.
 25.50 Leave timber.
 29.62 The closing cor. of secs. 18 and 19, hereinafter de-
 scribed, and subsequently established.
 35.10 Spur from N.10°E., 80 ft. above the closing cor. of secs.
 18 and 19, projects southwesterly; desc. along general
 W. slope 35 ft. to
 40.17 The original $\frac{1}{4}$ sec. cor. of secs. 13 and 18, which is a
 sandstone, 20x10x2 ins., loosely set 6 ins. in the
 ground, and surrounded by a small mound of stone, and
 marked $\frac{1}{4}$ on W. face, but no evidence of accessories.
 This cor. now pertains to sec. 13, and I reestablish
 the stone at the same point 15 ins. in the ground, so
 that the marking $\frac{1}{4}$ faces to the W.

Alongside of the original cor., set an iron post, 3 ft.
 long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$
 sec. cor. of sec. 13, with brass cap marked:

S 13 $\frac{1}{4}$
 1926

from which,

An aspen, 5 ins. diam., bears N.80°30'W., 133
 lks. dist., marked $\frac{1}{4}$ S 13 B 7.

An aspen, 5 ins. diam., bears S.50°W., 251
 lks. dist., marked $\frac{1}{4}$ S 13 B T.

Pleasant Valley Guide Meridian.

Dependent Resurvey of the West Bdy. of T. 14 S., R. 7 E.

Chains.

Thence,

N.1°18'E., with continuous measurement.

58.20 Enter a scattering growth of aspen timber.

69.93 Northing of 40.00 chs. from the closing cor. of secs. 18 and 19, and on a general W. slope, 140 ft. below the $\frac{1}{4}$ sec. cor. of sec. 13, subsequently set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 18, with brass cap marked:

 $\frac{1}{4}$ S 18

1927

from which,

An Alpine fir, 5 ins. diam., bears N.40°45'E., 121 lks. dist., marked $\frac{1}{4}$ S 18 B T.

An Alpine fir, 9 ins. diam., bears S.66°30'E., 104 lks. dist., marked $\frac{1}{4}$ S 18 B T.

70.40 Stream of good clear water, 1 lk. wide, 1 in. deep, in the bottom of draw, 5 ft. below the $\frac{1}{4}$ sec. cor. of sec. 18, course W.; asc. gradual general W. slope 60 ft. to the cor. of secs. 7, 12, 13 and 18.

71.10 Enter a medium heavy growth of aspen and scattering fir and spruce timber, bears E. and W.

73.50 Stream of good clear water, 1 lk. wide, 1 in. deep, course SW.

79.50 Leave timber, and enter opening, bears NW. and SE.

80.52 Proportionate point.

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 7, 12, 13 and 18, with brass cap marked:

T14S	
R6E	R7E
S12	S7
S13	S18
1926	

from which,

An aspen, 5 ins. diam., bears N.53°45'E., 269 lks. dist., marked T 14 S R 7 E S 7 B T.

An aspen, 8 ins. diam., bears S.5°E., 127

lks. dist., marked T 14 S R 7 E S 18 B T.

Pleasant Valley Guide Meridian.
 Dependent Resurvey of the West Bdy, of T. 14 S., R. 7 E.

Chains.

An aspen, 10 ins., diam., bears S. 7° W., 167

lks. dist., marked T 14 S R 6 E S 13 B T.

An aspen, 8 ins. diam., bears N. 45° 30' W., 215

lks. dist., marked T 14 S R 6 E S 12 B T.

Land, mountainous, with outcroppings of sandstone formation on portions of mile; drainage SE. into Hughes Canyon, S. 35.10 chs.; N. 45.42 chs. drain SW. into Huntington Canyon, by Valentines Gulch.

Soil, red sandy loam or a dark mountain loam, about 1 to 3 ft. deep, lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Alpine and Douglas fir, and Engelmann spruce.

Undergrowth, deer browse and young aspen.

Excellent growth of grass.

N. 1° 18' E., on a true line bet. secs. 7 and 12.

Over mountainous land, through a scattering growth of aspen timber; asc. gradually 115 ft. to the top of spur, along general W. slope.

- 5.10 A small seep of good clear water, course W.
- 6.00 Stream of good clear water, 1 lk. wide, 1 in. deep, course W.
- 13.30 Stream of good clear water, 3 lks. wide, 1 in. deep, in the head of Valentines Gulch, course SW.; asc. SE. slope.
- 15.00 Stream of good clear water, 1 lk. wide, 1 in. deep, course W.
- 20.10 Leave scattering, and enter a heavy growth of aspen timber, bears N. 80° E. and S. 80° W.
- 25.80 Leave heavy growth of aspen, and enter scattering aspen, fir and spruce timber, bears E. and W.
- 26.50 Spur, projects southwesterly; a well traveled stock trail bears NE. and SW.; desc. abruptly 360 ft. to the $\frac{1}{4}$ sec. cor., over NW. slope.
- 28.70 Leave scattering timber, and enter a dense growth of young fir and spruce, bears NE. and SW.

Pleasant Valley Guide Meridian.

Dependent Resurvey of the West Bdy. of T. 14 S., R. 7 E.

Chains.

- 33.40 Leave dense undergrowth of young fir and spruce, and enter a heavy growth of fir and spruce and scattering aspen timber, bears NE. and SW.
- 37.30 Old wood road, bears N.60°E. and S.60°W.
- 38.60 Old wood road, bears N.70°W. and S.70°E.
- 40.35 Proportionate point.
- Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of secs. 7 and 12, with brass cap marked:
- $$\begin{array}{c} \frac{1}{4} \\ \text{S 12} \mid \text{S 7} \\ 1926 \end{array}$$
- from which,
- An Engelmann spruce, 18 ins. diam., bears N.57°E., 37 lks. dist., marked $\frac{1}{4}$ S 7 B T.
- An Alpine fir, 7 ins. diam., bears N.81°15'W., 24 lks. dist., marked $\frac{1}{4}$ S 12 B T.
- 41.20 Stream of good clear water, 2 lks. wide, 2 ins. deep, in the bottom of ravine, 35 ft. below $\frac{1}{4}$ sec. cor., course NW.; asc. SW. slope 240 ft. to the top of spur.
- 45.70 Fir and spruce timber becomes scattering; enter a heavy growth of aspen timber, bears NW. and SE.
- 48.40 Stream of good clear water, 1 lk. wide, 1 in. deep, course SW.
- 51.60 Stream of good clear water, 2 lks. wide, 1 in. deep, course SW.
- 53.50 Same road as noted at 37.30 chs., bears NW. and SE.
- 58.70 Spur, projects W. approximately 20.00 chs. dist.; desc. N. slope 170 ft. to the bottom of draw.
- 62.30 Aspen timber becomes more scattering; enter a heavy growth of fir and spruce timber, bears E. and W.
- 63.40 Same road as noted at 53.50 chs., bears NE. and SW.
- 69.60 Draw, drains NW.; enter dense undergrowth of young fir and spruce, bears NW. and SE.; asc. gradual SW. slope 10 ft. to the cor. of secs. 1, 6, 7 and 12.
- 75.20 Old wood road, bears N.15°E. and S.15°W.

Pleasant Valley Guide Meridian.

Dependent Resurvey of the West Bdy. of T. 14 S., R.

Chains.

80.70 The original cor. of secs. 1, 6, 7 and 12, which is a stump of an aspen tree, 12 ins. diam., still firmly set and extending 3 ft. above ground, hewed square, and marked with 1 groove on N. side and 5 grooves on S. side. I am unable to find any evidence of the bearing trees which were no doubt cut down at the same time that the cor. tree was destroyed. There have been several sawmills in this locality, and only the stumps of the older trees remain.

Alongside of the original cor., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 1, 6, 7 and 12, with brass cap marked:

T14S	
R6E	R7E
S1	S6
S12	S7
1926	

from which,

An Alpine fir, 4 ins. diam., bears N.50°30'E., 23 lks. dist., marked T 14 S R 7 E S 6 B T.

An aspen, 7 ins. diam., bears S.24°15'E., 88 lks. dist., marked T 14 S R 7 E S 7 B T.

An Alpine fir, 5 ins. diam., bears S.37°W., 15 lks. dist., marked T 14 S R 6 E S 12 B T.

An Engelmann spruce, 6 ins. diam., bears N.68°30'W. 43 lks. dist., marked T 14 S R 6 E S 1 B T.

This cor. stands on the N. side and near the head of Cox Canyon.

Land, mountainous, draining SW. into Huntington Canyon, by Valentines Gulch and Cox Canyon; sandstone formation.

Soil, sandy loam, or a dark or black mountain loam, about 1 to 3 ft. deep, lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Alpine and Douglas fir, and Engelmann spruce.

Undergrowth, young fir and spruce.

Excellent grazing land.

Dependent Resurvey of the North Bdy. of T. 14 S., R. 7 E.

Chains.

Random Lines.

From the cor. of secs. 2, 3, 34 and 35, on the N. bdy.
of the Tp., hereinafter described,

East, on retracement line along the N. bdy. of T. 14 S.,
R. 7 E., bet. secs. 2 and 35.

40.21 Intersect the $\frac{1}{4}$ sec. cor.; hereinafter described.

Therefore, the bearing of this half mile is east, and
the distance is 40.21 chs.

From the $\frac{1}{4}$ sec. cor.;

East, with continuous measurement.

79.81 Intersect the cor. of secs. 1, 2, 35 and 36, hereinafter
described.

Therefore, the bearing of this half mile is east, and
the distance is 39.60 chs.

From the cor. of secs. 1, 2, 35 and 36,

East, on retracement line bet. secs. 1 and 36.

39.67 Fall 2 lks. N. of the $\frac{1}{4}$ sec. cor., hereinafter described.
Therefore, the bearing of this half mile is S. 89° 58' E.,
and the distance is 39.67 chs.

From the point 2 lks. N. of the $\frac{1}{4}$ sec. cor.,

East, with continuous measurement.

79.73 Fall 4 lks. N. of the cor. of Tps. 13 and 14 S., R. 7
E., hereinbefore described.

Therefore, the bearing of this half mile is S. 89° 58' E.,
and the distance is 40.06 chs.

Reestablishment of the Surveys executed by R. E. L.

Collier and George C. Swan, U. S. Transitlemen, in 1911.

True Lines.

Commence at the cor. of secs. 2, 3, 34 and 35, on the N.
bdy. of the Tp., which is an iron post, 3 ins. in
diam.; extending 12 ins. above ground, firmly set,
correctly marked, and witnessed on the W. by a mound
of stone, 3 ft. base, 2½ ft. high, and by an oak, 3
ins. diam., which bears N. 79° E., 93 lks. dist., marked

Dependent Resurvey of the North Bdy. of T. 14 S., R. 7 E., on the S. bdy. of sec. 35.

Chains.

T 13 S R 7 E S 35 B T. The bearing trees in secs. 2 and 3 are plainly marked, but dead and lying on top of the ground. There are no other trees available for marking.

East, on a true line on a dependent resurvey along the N. bdy. of T. 14 S., R. 7 E., on the S. bdy. of sec. 35.

Asc. abrupt rough SW. slope 400 ft., through a scattering growth of fir timber, and dense undergrowth of oak and buck brush, service berry bushes and sagebrush.

17.90 Spur, projects southeasterly about 30.00 chs. dist.; desc. steep NE. slope 635 ft. to the $\frac{1}{4}$ sec. cor. of sec. 2.

18.50 Leave undergrowth of sagebrush, oak and buck brush, and enter a heavy growth of fir timber, bears NW. and SE.

23.50 Leave fir, and enter a heavy growth of aspen timber, bears NW. and SE.

26.00 Leave aspen, and enter a heavy growth of fir timber, bears NW. and SE.

32.00 Fir timber becomes more scattering; enter dense undergrowth of oak and buck brush, sagebrush, service berry and gooseberry bushes and deer browse, bears NE. and SW.

37.18 Westing of 40.00 chs. from the closing cor. of secs. 1 and 2, subsequently set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 2, with brass cap marked:

$\frac{1}{4}$ S 2

1927

from which,

A Douglas fir, 20 ins. diam., bears S.25°15'W., 97 lks. dist., marked $\frac{1}{4}$ S 2 B T.

A Douglas fir, 16 ins. diam., bears S.38°15'W., 91 lks. dist., marked $\frac{1}{4}$ S 2 B T.

37.80 Perpendicular ledge, 20 ft. high, bears N.10°E. and S.10°W.

Dependent Resurvey of the North Bdy. of T. 14 S., R. 7 E.

Chains.

- 38.80 Leave undergrowth of sagebrush, oak and buck brush, and enter a heavy growth of fir timber, bears NE. and SW.
- 40.21 The original $\frac{1}{4}$ sec. cor. of secs. 2 and 35, which is an iron post, 1 in. in diam., extending 24 ins. above ground, loosely set, correctly marked, and witnessed as follows:
- A Douglas fir, 16 ins. diam., bears N.15°45'W., 41 lks. dist., marked $\frac{1}{4}$ S 35 E T.
- A Douglas fir, 12 ins. diam., bears S.8°15'E., 33 lks. dist., marked $\frac{1}{4}$ S 2 E T.
- This cor. now pertains to sec. 35, so I deface the markings on the post and tree referring to sec. 2, and re-set the monument at the same point 27 ins. in the ground.
- This cor. is located 150 ft. below the $\frac{1}{4}$ sec. cor. of sec. 2.
- 41.30 Leave fir, and enter a heavy growth of aspen timber, bears NW. and SE.
- 42.40 Leave aspen timber, and enter a dense growth of sagebrush, bears N. and S.
- 43.90 Stream of clear water, 2 lks. wide, 2 ins. deep, in wash, 30 lks. wide, 20 ft. deep, in the bottom of a fork of Bob Wright Canyon, 75 ft. below $\frac{1}{4}$ sec. cor. of sec. 35, course SE.; precipitous ascent of 510 ft. over rough SW. slope to the top of spur.
- 44.00 Leave undergrowth, and enter a heavy growth of aspen timber, bears NW. and SE.
- 44.80 Leave timber, and enter dense undergrowth of sagebrush, oak and buck brush, bears NW. and SE.
- 52.80 Top of nearly perpendicular ledge, 100 ft. high, bears N.30°W. and S.10°E.
- 62.90 Spur; projects SE. approximately 15.00 chs. dist.; desc. 25 ft.
- 64.70 Draw, drains SE.; asc. 30 ft.
- 69.70 Spur, projects SE. about 15.00 chs. dist.; desc. abrupt-

Dependent Resurvey of the North Bdy. of T. 14 S., R. 7 E.

Chains.

ly 290 ft. over rough general S. slope to the closing cor. of secs. 1 and 2.

74.60 Perpendicular ledge, 20 ft. high, bears NE. and SW.

75.70 Perpendicular ledge, 90 ft. high, bears N. 10° E. about 1.00 chs. dist., thence N. 70° E., and S. 70° W.

77.18 The closing cor. of secs. 1 and 2, hereinafter described and subsequently established.

79.81 The original cor. of secs. 1, 2, 35 and 36, which is an iron post, 3 ins. in diam., extending 20 ins. above ground, loosely set, correctly marked, and witnessed on the W. by a mound of stone, $2\frac{1}{2}$ ft. base, 2 ft. high. This cor. now pertains to secs. 35 and 36, T. 13 S., R. 7 E., so I deface the markings on the post referring to secs. 1 and 2, T. 14 S., R. 7 E., and reset the monument at the same point 27 ins. in the ground, and change the mound of stone from its position on the W. to N. of the cor. This cor. stands on a general S. slope 65 ft. below the closing cor. of secs. 1 and 2.

Land, mountainous; steep and rugged with outcroppings and ledges of sandstone formation; drainage SE, into Bob Wright Canyon, thence E.

Soil, sandy loam, or a dark or black mountain loam, varying in depth from a few ins. to about 4 ft., lying on a clay subsoil or on bedrock; 1st. to 3rd. rate. Sandy loam about 10 to 30 ft. deep, in the bottom of the forks of Bob Wright Canyon; 1st. rate.

Timber, aspen and Douglas fir.

Undergrowth, oak and buck brush, sagebrush, service berry and gooseberry bushes, and deer browse.

Fair grazing land.

S. $89^{\circ}53'$ E., on a true line along the S. bdy. of sec. 36.

Asc. abrupt rough general S. slope 210 ft., through dense undergrowth of oak and buck brush, and sagebrush.

3.30 Perpendicular ledge, 20 ft. high, bears N. 10° E. and S. 10° W.

Dependent Resurvey of the North Bdy. of T. 14 S., R. 7 E.

Chains.

- 6.70 Perpendicular ledge, 25 ft. high, bears NE. and SW.
- 10.40 Spur, projects SE. about 12.00 chs. dist.; steep descent of 180 ft. to the bottom of canyon.
- 12.60 Leave undergrowth, and enter a medium heavy growth of aspen and maple, and scattering fir timber, bears NW. and SE.
- 16.60 Dry wash, 40 lks. wide, 10 ft. deep, in the bottom of a fork of Bob Wright Canyon, drains S. 10° E.
- 17.40 Stream of clear water, 2 lks. wide, 2 ins. deep, in wash, 15 lks. wide, 15 ft. deep, in the bottom of the same fork, course S. 10° E.
- 21.60 Leave timber, bears NE. and SW.
- 24.40 Enter dense undergrowth of oak and buck brush, bears N. and S.
- 32.20 Top of the N. extremity of knoll, 230 ft. above the fork of Bob Wright Canyon, projects southeasterly; desc. NE. slope 135 ft. to the $\frac{1}{4}$ sec. cor. of sec. 1.
- 37.30 Enter a dense growth of service berry bushes, bears N. and S.
- 37.37 Easting of 40.00 chs. from the closing cor. of secs. 1 and 2, subsequently set an iron post, 7 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 1, with brass cap marked:

$$\frac{1}{4} \text{ S } 1$$

1926

and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, S. of cor.

- 39.40 Draw, 40 ft. below the $\frac{1}{4}$ sec. cor. of sec. 1, drains SE.; asc. SW. slope 10 ft. to

- 39.67 The original $\frac{1}{4}$ sec. cor. of secs. 1 and 36, which is an iron post, 1 in. in diam., extending 20 ins. above ground, loosely set, and marked on brass cap:

$$\frac{1}{4} \text{ S } 36$$

$$\frac{1}{4} \text{ S } 1$$

1911

Dependent Resurvey of the North Bdy. of T. 14 S., R. 7 E.

Chains.

- and witnessed on the N. by a small mound of stones. 8
- This cor. now pertains to sec. 36, so I deface the marking S 1 on the post, and reset the monument at the same point 16 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, $1\frac{1}{2}$ ft. high. At the base of the monument I deposit a sandstone, 8x6x2 ins., marked with a cross (X), and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, on the N.
- 40.50 Enter a scattering growth of cedar, pinon pine and fir timber.
- 47.70 Spur, 35 ft. above $\frac{1}{2}$ sec. cor. of sec. 36, projects SE. about 20.00 chs. dist.; desc. 135 ft.
- 50.50 Draw, drains SE.; asc. 100 ft.
- 52.00 Enter a medium heavy growth of cedar and pinon pine timber, bears NW. and SE.; leave service berry undergrowth
- 54.50 Leave timber, bears NE. and SW.
- 54.70 Top of ascent, bears NW. and SE.; over level top of spur
- 61.40 Leave top of spur, begin descent of 125 ft. over NE. slope
- 68.10 Draw, drains SE.; asc. 30 ft. over W. slope.
- 72.00 Spur, slopes S. about 4.00 chs. dist.; desc. 30 ft.
- 73.90 Draw, drains SW.; asc. 80 ft.
- 78.17 Barbed wire fence, bears approximately N. and S., at the top of ascent, bearing NE. and SW.; over level top to
- 79.30 The newly established cor. of Tps. 13 and 14 S., R. 7 E. hereinbefore described., on W. bdy. of T. 14 S., R. 8 E.
- 79.73 The original cor. of Tps. 13 and 14 S., R. 7 E., hereinbefore described, which is now a witness point.
- Land, mountainous; outcroppings of sandstone formation; drainage S. and SE. into Bob Wright Canyon, thence E.
- Soil, sandy loam, or a dark or black loam, varying from a few ins. to several ft. deep, lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.
- Timber, aspen, cedar, pinon pine, maple and Douglas fir.
- Undergrowth, oak and buck brush, sagebrush and service berry bushes.
- Fair grazing land.

Dependent Resurvey of the Subdivision of T. 14 S., R. 7 E.

Chains.

Random Lines.

From the cor. of secs. 3, 4, 33 and 34, on the N. bdy.
of the Tp., hereinafter described,

South, on retracement line bet. secs. 3 and 4.

40.40 Fall $3\frac{1}{2}$ lks. E. of the $\frac{1}{4}$ sec. cor., hereinafter de-
scribed.

Therefore, the bearing of this half mile is S.0°03'W.,
and the distance is 40.40 chs.

From the point $3\frac{1}{2}$ lks. E. of the $\frac{1}{4}$ sec. cor.,
South, with continuous measurement.

80.70 Fall 7 lks. E. of the cor. of secs. 3, 4, 9 and 10, here-
inafter described.

Therefore, the bearing of this half mile is S.0°03'W.,
and the distance is 40.30 chs.

From the cor. of secs. 3, 4, 9 and 10,

West, on retracement line bet. secs. 4 and 9.

39.70 Intersect the $\frac{1}{4}$ sec. cor., hereinafter described.

Therefore, the bearing of this half mile is west, and
the distance is 39.70 chs.

From the $\frac{1}{4}$ sec. cor.,

West, with continuous measurement.

79.48 Fall 2 lks. N. of the cor. of secs. 4, 5, 8 and 9, here-
inafter described.

Therefore, the bearing of this half mile is S.89°58'W.,
and the distance is 39.78 chs.

From the cor. of secs. 4, 5, 8 and 9,

West, on retracement line bet. secs. 5 and 8.

40.00 Unable to find any evidence of the witness $\frac{1}{4}$ sec. cor.,
which is recorded in the notes of the original survey
to be a red pine, 20 ins. diam., marked $\frac{1}{4}$ S W C on N.
side, and bears S.75°W. 30 lks. dist. from the true
point for the $\frac{1}{4}$ sec. cor.

West, on same line with continuous measurement.

79.32 Fall 5 lks. S. of the cor. of secs. 5, 6, 7 and 8, here-
inafter described.

Dependent Resurvey of the Subdivision of T. 14 S. R. 7 E.

Chains.

Therefore, the bearing of the line bet. secs. 5 and 8

N.89°58'W., and the proportionate distance for each half mile is 39.66 chs.

From the cor. of secs. 5, 6, 7 and 8,

West, on retracement line bet. secs. 6 and 7.

40.00 Unable to find any evidence of the $\frac{1}{4}$ sec. cor., after diligent search.

West, on same line with continuous measurement.

77.18 Fall 11 lks. S. of the cor. of secs. 1, 6, 7 and 12,

hereinbefore described, on the W. bdy. of Tp.

Therefore, the bearing of the line bet. secs. 6 and 7 is

N.89°55'W., and the proportionate distance for the E. half mile is 40.17 chs., and for the W. half mile is 37.01 chs.

Reestablishment of the Surveys. executed by

J. Fewson Smith, U. S. Deputy Surveyor in 1876.

True Lines.

Commence at the cor. of secs. 3, 4, 33 and 34, on the N.

bdy. of the Tp., which is a sandstone, 7x7x5 ins.

above ground, firmly set, and marked with a cross (X)

on top, and with 3 notches on each of the E. and W.

edges. Alongside of this stone is established an iron

post, 3 ins. in diam., extending 12 ins. above ground,

firmly set, and marked on brass cap as follows:

T13S	R7E
S33	S34
S4	S3
T14S	R7E
1911	

from which

An Alpine fir, 18 ins. diam., bears S.46°30'W., 42

lks. dist., marked T 14 S R 7 E S 4 B T.

The bearing trees in secs. 33 and 34 are aspen, which are

plainly and correctly marked, but dead and lying on top

of the ground. I am unable to find the bearing tree in

sec. 3. It was no doubt cut down for the sawmills in

this locality, for just the stumps of the older timber

remain. I witness the cor. with trees in secs. 3, 33

Dependent Resurvey of the Subdivision of T. 14 S., R. 7 E.

Chains.

and 34 as follows:

An aspen, 8 ins. diam., bears N.8°30'E., 56

lks. dist., marked T 13 S R 7 E S 34 B T.

An Engelmann spruce, 8 ins. diam., bears S.26°30'E.,

78 lks. dist., marked T 14 S R 7 E S 3 B T.

An aspen, 5 ins. diam., bears N.52°30'W., 20

lks. dist., marked T 13 S R 7 E S 33 B T.

S.0°03'W., on a true line on a dependent resurvey bet.
secs. 3 and 4.

Over mountainous land, through a heavy growth of aspen,
fir and spruce timber, and dense undergrowth of deer
browse, young aspen, fir and spruce; desc. gradually
15 ft., along the general W. slope of Castle Valley
Ridge.

- 1.20 Draw, drains NW.; asc. 50 ft. to the top of spur.
- 5.80 Leave heavy growth of timber and enter scattering, bears
NW. and SE.
- 11.80 Telephone line, bears N.50°40'W. to Clear Creek, Utah,
and S.50°40'E. to Price, Utah.
- 12.10 Spur, projects W. about 7.00 chs. dist.; desc. 30 ft.
- 21.90 Ravine, drains NW.; asc. 185 ft. to the top of spur.
- 22.20 Enter a heavy growth of timber, bears NW. and SE.
- 36.40 Spur, projects northwesterly; desc. 25 ft. to
- 40.40 The $\frac{1}{4}$ sec. cor. of secs. 3 and 4, which is a sandstone,
18x12x4 ins., loosely set 8 ins. in the ground, marked
 $\frac{1}{4}$ on W. face, but not witnessed. I reestablish the
stone at the same point 12 ins. in the ground, so that
the marking $\frac{1}{4}$ faces to the W.

Alongside of the original cor., set an iron post, 3 ft.
long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$
sec. cor. of secs. 3 and 4, with brass cap marked:

↓
S 4 | S 3
1926

from which,

Dependent Resurvey of the Subdivision of T. 14 S., R. 7

Chains.

An aspen, 6 ins. diam., bears N.40°E., 67

lks. dist., marked $\frac{1}{4}$ S 3 B T.

An aspen, 8 ins. diam., bears S.44°15'W., 28

lks. dist., marked $\frac{1}{4}$ S 4 B T.

Thence, on same course with continuous measurement.

43.10 Draw, 15 ft. below the $\frac{1}{4}$ sec. cor., drains NW.; asc. 55
ft. to the top of spur.

52.10 Leave timber, bears E. and W.

54.10 Spur, projects northwesterly approximately 60.00 chs.
dist.; desc. 305 ft. to the cor. of secs. 3, 4, 9 and
10.

55.70 Enter a heavy growth of timber, bears E. and W.

60.00 Leave timber, bears NE. and SW.

66.70 Enter a heavy growth of timber, bears E. and W.

80.70 The original cor. of secs. 3, 4, 9 and 10, which is a
sandstone, 12x8x5 ins. above ground, firmly set, marked
with 3 notches on E. edge and 5 notches on S. edge, and
witnessed by

An aspen, 18 ins. diam., bears N.71°30'W., 14

lks. dist., marked T 14 S R 7 E S 4 B T.

I am unable to find the bearing trees in secs. 3, 9 and
10. They were probably cut down, for there have been
several sawmills operating in this locality, and only
the stumps of the older timber remain. This cor. now
pertains to secs. 3 and 4.

Alongside of the original cor., set an iron post, 3 ft.
long, 2 ins. in diam., 27 ins. in the ground, for cor.
of secs. 3 and 4, with brass cap marked:

T14S	R7E
S4	S3
S10	
1926	

from which,

An Alpine fir, 7 ins. diam., bears N.12°15'E., 19

lks. dist., marked T 14 S R 7 E S 3 B T.

Land, line runs along the general W. slope of Castle
Valley Ridge; outcroppings of sandstone formation;
drainage NW. into Mud Creek.

Dependent Resurvey of the Subdivision of T. 14 S., R. 7 E.

Chains.

Soil, a dark or black mountain loam, about 1 to 4 ft. deep, lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Alpine fir and Engelmann spruce.

Undergrowth, deer browse, young aspen, fir and spruce.

Excellent grazing land.

From the cor. of secs. 3 and 4,

West, on a true line along the S. bdy. of sec. 4.

Desc. 105 ft. to the bottom of Snider Canyon, over general W. slope, through a heavy growth of aspen, fir and spruce timber, and dense undergrowth of deer browse, young aspen, fir and spruce.

1.90 Wagon road, bears northwesterly to Clear Creek, Utah, and southeasterly to Nuc Woodward Canyon.

2.27 The closing cor. of secs. 9 and 10, hereinafter described and subsequently established.

4.30 Stream of good clear water, 2 lks. wide, 2 ins. deep, in the bottom of Snider Canyon, course northwesterly; asc. abrupt SE. slope 110 ft.

10.00 Spur, projects NE. about 8.00 chs. dist.; desc. steep NW. slope 160 ft.

22.40 Stream of good clear water, 1 lk. wide, 2 ins. deep, in the bottom of a fork of Snider Canyon, course N.; asc. E. slope 335 ft. to the top of spur.

23.80 Wood road, bears N. and S.

35.60 Spur from S., projects northwesterly approximately 45.00 chs. dist.; leave timber, bears N. and S.; desc. W. slope 90 ft. to the $\frac{1}{4}$ sec. cor. of sec. 4.

35.80 Leave undergrowth of young aspen, fir and spruce, and enter a dense growth of sagebrush, bears N. and S..

39.70 The original $\frac{1}{4}$ sec. cor. of secs. 4 and 9, which is a sandstone, 11x9x5 ins. above ground, firmly set and surrounded by a small mound of stone, marked $\frac{1}{4}$ on N. face, but not witnessed. This cor. now pertains to

Dependent Resurvey of the Subdivision of T. 14 S., R. 7

Chains.

sec. 4.

Alongside of the original cor., set an iron post, 3 ft.
long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$
sec. cor. of sec. 4, with brass cap marked:

$$\begin{array}{r} \frac{1}{4} S 4 \\ \hline 1926 \end{array}$$

from which,

An aspen, 6 ins. diam., bears N.66°W., 174

lks. dist., marked $\frac{1}{4} S 4 B T.$

An aspen, 7 ins. diam., bears N.74°45'W., 126

lks. dist., marked $\frac{1}{4} S 4 B T.$

Thence,

S.89°58'W., with continuous measurement.

40.50 Enter a heavy growth of aspen timber, bears NE. and SW.

40.70 Leave sagebrush undergrowth, bears NE. and SW., and
enter a scattering growth of young aspen, fir and
spruce.

42.43 Point midway bet. the closing cors. of secs. 8 and 9,
and 9 and 10, subsequently set an iron post, 3 ft.
long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec.
cor. of sec. 9, with brass cap marked:

$$\begin{array}{r} \frac{1}{4} S 9 \\ \hline 1927 \end{array}$$

from which,

An aspen, 4 ins. diam., bears S.9°30'E., 18

lks. dist., marked $\frac{1}{4} S 9 B T.$

An aspen, 5 ins. diam., bears S.82°W., 38

lks. dist., marked $\frac{1}{4} S 9 B T.$

This cor. stands on a general W. slope 65 ft. below the
 $\frac{1}{4}$ sec. cor. of sec. 4.

50.50 Ravine, 130 ft. below the $\frac{1}{4}$ sec. cor. of sec. 9, drains
NW.; asc. 45 ft. to the top of spur.

52.20 Wood road, bears NW. and SE.; undergrowth becomes more
dense, bearing NW. and SE.

52.50 Enter a medium heavy growth of fir and spruce timber,
bears NW. and SE.

Dependent Resurvey of the Subdivision of T. 14 S., R. 7 E.

- Chains.**
 58.00 Spur, projects NW. about 7.00 chs. dist.; desc. abrupt SW. slope 285 ft. to the bottom of Mud Creek Canyon.
 69.80 Leave timber, bears NE. and SW.
 69.90 Stream of good clear water, 8 lks. wide, 4 ins. deep, in the bottom of Mud Creek Canyon, course N.15°E.; precipitous ascent of 285 ft. to the cor. of secs. 4 and 5, over SE. slope.
 70.30 Wagon road, bears N.15°E. to Clear Creek, Utah, and S.15°W. to the Fireside Coal Mines.
 73.70 Enter a heavy growth of aspen, and scattering fir and spruce timber, bears NE. and SW.
 79.48 The original cor. of secs. 4, 5, 8 and 9, which is a sandstone, 15x7x4 ins. above ground, firmly set, marked on the top with a cross (X), and with 4 notches on the E. edge, and 5 notches on the S. edge, and witnessed by
 An aspen, 6 ins. diam., bears N.21°45'E., 17
 lks. dist., marked T 13SR 7 E S 4

I am unable to find the bearing trees in secs. 5, 8 and 9. No doubt they have been destroyed by woodmen, for numerous trees have been cut down near this cor. The cor. now pertains to secs. 4 and 5.

Alongside of the original cor., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 4 and 5, with brass cap marked:

T14S	R7E
S5	S4
S9	
1926	

from which,

An aspen, 8 ins. diam., bears N.34°45'E., 37
 lks. dist., marked T 14 S R 7 E S 4 B T.

An aspen, 7 ins. diam., bears N.30°30'W., 44
 lks. dist., marked T 14 S R 7 E S 5 B T.

The original bearing tree in sec. 4 is scrubby and partly dead.

This cor. stands on the top of a spur, projecting N.15°E. approximately 60.00 chs. dist.

Dependent Resurvey of the Subdivision of T. 14 S., R. 7

Chains. From this cor., the NW. cor. of the hoist house, 15 x 24 ft., of the Fireside Coal Mine, bears S.56°33'E. 9.82 chs. dist. From the NW. cor. of the hoist house, the NE. cor. of a frame office building, 15 x 24 ft., bears S.29°45'W. 3.68 chs. dist.

Land, abrupt and mountainous, draining NW. and NE. into Mud Creek Canyon, thence northerly; outcroppings of sandstone exposed on portions of mile.

Soil, a dark or black loam, varying in depth from about 1 to several ft., lying on a clay subsoil or on bed-rock; 1st. and 2nd. rate.

Timber, aspen, Alpine fir and Engelmann spruce.

Undergrowth, deer browse, young aspen, fir and spruce, and sagebrush.

Excellent growth of grass and browse.

N.89°58'W., on a true line along the S. bdy. of sec. 5. Over mountainous land, through a heavy growth of aspen, fir and spruce timber, and dense undergrowth of deer browse, young aspen, fir and spruce; desc. NW. slope 135 ft. to the bottom of draw.

3.11 The closing cor. of secs. 8 and 9, hereinafter described, and subsequently established, 45 ft. below the cor. of secs. 4 and 5.

5.70 Logging or wood road, bears N.10°E. and S.10°W.

9.80 Stream of good clear water, 1 lk. wide, 1 in. deep, in the bottom of draw, course N.; asc. 80 ft.

18.00 Spur, projects N. about 10.00 chs. dist.; desc. 25 ft.

19.90 Draw, drains N.; asc. 165 ft.

33.40 Spur, slopes N. about 5.00 chs. dist.; desc. gradual NW. slope 15 ft. to

39.66 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 5, with brass cap marked:

$\frac{1}{4}$ S. 5

1926

from which,

Dependent Resurvey of the Subdivision of T. 14 S., R. 7 E.

Chains.

An Alpine fir, 5 ins. diam., bears N.50°30'E., 120
lks. dist., marked $\frac{1}{4}$ S 5 B T.

An Alpine fir, 12 ins. diam., bears N.19°45'W., 45
lks. dist., marked $\frac{1}{4}$ S 5 B T.

40.80 Stream of clear water, 1 lk. wide, 1 in. deep, in the
bottom of ravine, 45 ft. below $\frac{1}{4}$ sec. cor. of sec. 5,
course NE.; asc. abrupt SE. slope 105 ft. to

43.11 Westing of 40.00 chs. from the closing cor. of secs. 8
and 9, subsequently set an iron post, 3 ft. long, 1 in.
in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of
sec. 8, with brass cap marked:

$\frac{1}{4}$ S 8

1927

from which,

An aspen, 4 ins. diam., bears S.33°30'E., 38
lks. dist., marked $\frac{1}{4}$ S 8 B T.

An aspen, 4 ins. diam., bears S.5°30'W., 83
lks. dist., marked $\frac{1}{4}$ S 8 B T.

48.90 Leave heavy growth of timber and enter scattering, bears
NE. and SW.

50.30 Leave undergrowth of deer browse and young aspen, bears
NE. and SW.; continue through a dense growth of young
fir and spruce.

54.20 Leave dense undergrowth of young fir and spruce, and
enter a dense growth of deer browse, bears NE. and SW.

60.00 Spur, 385 ft. above the $\frac{1}{4}$ sec. cor. of sec. 8, projects
NE. approximately 15.00 chs. dist.; desc. steep NW.
slope 260 ft. to the bottom of ravine.

67.00 Leave undergrowth of deer browse, and enter a dense
growth of young fir and spruce, bears NE. and SW.

75.30 Leave undergrowth of young fir and spruce, and enter a
dense growth of deer browse, bears NE. and SW.

75.70 Stream of good clear water, 1 lk. wide, 1 in. deep, in
wash, 30 lks. wide, 8 ft. deep, in the bottom of ravine,
course NE.; asc. abruptly 135 ft. to the cor. of secs.
5, 6, 7 and 8, over SE. slope.

Dependent Resurvey of the Subdivision of T. 14 S. R. 7 E.

Chains.

76.50 Enter a dense growth of young aspen, bears NE. and SW.

76.80 Enter a heavy growth of aspen and scattering fir and spruce timber, bears NE. and SW.

79.32 The original cor. of secs. 5, 6, 7 and 8, which is a sandstone, 13x11x5 ins. above ground, firmly set, marked with 5 notches on each of the S. and E. edges, and witnessed by

An aspen, 10 ins. diam., bears S.20°E., 71

lks. dist., marked T 14 S R 7 E S 8 B T.

I am unable to find the bearing trees in secs. 5, 6, and 7. They have been cut down by woodmen, as there are many stumps near this cor., or they have been blown over, for there are numerous trees lying on top of the ground.

Alongside of the original cor., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 5, 6, 7 and 8, with brass cap marked:

T14S	R7E
S6	S5
S7	S8
1926	

from which,

An Alpine fir, 6 ins. diam., bears N.42°30'E., 23

lks. dist., marked T 14 S R 7 E S 5 B T.

An Alpine fir, 8 ins. diam., bears S.68°15'W., 24

lks. dist., marked T 14 S R 7 E S 7 B T.

An aspen, 9 ins. diam., bears N.47°W., 67

lks. dist., marked T 14 S R 7 E S 6 B T.

Land, steep and mountainous, draining N. and NE. into Long Canyon, thence northeasterly; outcroppings of sandstone formation on portions of mile.

Soil, a dark or a black mountain loam, varying in depth from about 1 to several ft., lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Alpine fir and Engelmann spruce.

Undergrowth, deer browse, young aspen, fir and spruce, and small patches of dense willows.

Dependent Resurvey of the Subdivision of T. 14 S., R. 7 E.

Chains.

Excellent growth of grass and browse.

N.89°55'W., on a true line bet. secs. 6 and 7.

Asc. precipitous SE. slope 425 ft. to the top of spur,
through a heavy growth of aspen and scattering fir and
spruce timber, and scattering undergrowth of deer
browse, young aspen, fir and spruce.

12.80 Leave timber, bears NE. and SW.

14.30 Enter a heavy growth of aspen and scattering fir and
spruce timber, bears NE. and SW.18.80 Spur, projects NE. approximately 30.00 chs. dist.; desc.
NW. slope 270 ft. to the bottom of a fork of Long Can-
yon.

19.00 Leave timber, bears N. and S.

20.90 Leave undergrowth of young aspen, and enter a dense
growth of young fir and spruce, bears NE. and SW.23.80 Enter a heavy growth of fir and spruce timber, bears NW.
and SE.

33.50 Wood or logging road, bears N. and S.

38.20 Leave heavy growth of fir and spruce timber, and enter
scattering, bears N. and S.39.20 Stream of good clear water, 1 lk. wide, 1 in. deep, in
the bottom of a fork of Long Canyon, course N. about
5.00 chs. dist., thence northeasterly; asc. E. slope
20 ft. to

40.17 Proportionate point.

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor. of secs. 6 and 7, with
brass cap marked:

$$\begin{array}{r} S\ 6 \\ \frac{1}{4} \hline S\ 7 \end{array}$$

1926

from which,

An Alpine fir, 6 ins. diam., bears N.71°15'W., 19
lks. dist., marked $\frac{1}{4}$ S 6 B T.

An Engelmann spruce, 5 ins. diam., bears S.69°30'W.,
52 lks. dist., marked $\frac{1}{4}$ S 7 B T.

Dependent Resurvey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- From this $\frac{1}{4}$ sec. cor., continue ascent of 315 ft. to the top of the main divide, over E. slope.
- 53.30 Leave timber.
- 56.50 Wood or logging road, bears N.10°W. and S.10°E.
- 56.80 Enter a heavy growth of fir and spruce and scattering aspen timber, bears NW. and SE.
- 58.00 Main ridge or divide bet. Huntington Canyon drainage on the W. and Pleasant Valley Creek drainage on the E., bears N. and S.; desc. W. slope 340 ft. to the cor. of secs. 1, 6, 7 and 12.
- 62.00 Leave timber, bears N.60°E. and S.60°W.
- 62.20 Leave undergrowth, bears NE. and SW.
- 65.50 Wood or logging road, bears N.60°E. and S.60°W.
- 66.90 Wood or logging road, bears N.20°E. and S.20°W.
- 67.60 Enter a heavy growth of fir and spruce and scattering aspen timber, bears N. and S.
- 67.80 Enter dense undergrowth of young fir and spruce, bears N. and S.
- 75.50 Wood or logging road, bears N. and S.
- 77.18 Intersect the cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., hereinbefore described.
- Land, abrupt and mountainous; drainage NE. into Long Canyon, E. 58.00 chs.; W. 19.18 chs. drain W. into Cox Canyon; sandstone formation.
- Soil, sandy loam, or a dark or black mountain loam, about 2 to 4 ft. deep, lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.
- Timber, aspen, Alpine fir and Engelmann spruce.
- Undergrowth, deer browse, young fir, spruce and aspen.
- Excellent growth of grass and browse on greater portion of mile.

Survey of the Subdivision of T. 14 S., R. 7 E.

Random Lines.

From the cor. of secs. 2, 3, 34 and 35, on the N. bdy.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

of the Tp., hereinbefore described,

South, on a temporary line along the E. bdy. of sec. 3.

40.00 Set temp. $\frac{1}{4}$ sec. cor. for sec. 3.

80.00 Set temp. sec. cor. for sec. 3.

From the cor. of secs. 3 and 4; hereinbefore described,

East, on a random line along the S. bdy. of sec. 3.

40.00 Set temp. $\frac{1}{4}$ sec. cor. for sec. 3.

79.93 Intersect N. and S. line, 53 lks. S. of the temp. cor.
of sec. 3.

Therefore, the bearing of the E. bdy. of sec. 3 is south,
and the distance is 80.53 chs.; and the bearing of the
S. bdy. of sec. 3 is east, and the distance is 79.93
chs.

True Lines.

Commence at the cor. of secs. 2, 3, 34 and 35, on the N.
bdy. of the Tp., hereinbefore described.

South, on a true line along the E. bdy. of sec. 3.

Over mountainous land, through a scattering growth of
fir and spruce timber, and dense tall undergrowth;
desc. abrupt SW. slope 185 ft. to the bottom of canyon.

1.70 Enter a heavy growth of aspen, fir and spruce timber,
bears NW. and SE.

4.30 Stream of good clear water, 4 lks. wide, 2 ins. deep, in
the bottom of a fork of Bob Wright Canyon, course SE.;
steep ascent of 270 ft. to the top of spur, over N.
slope.

8.60 Leave timber, bears NW. and SE.

11.87 Northing of 40.00 chs. from the closing cor. of secs. 2
and 11, subsequently set an iron post, 3 ft. long, 1
in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor.
of sec. 2, with brass cap marked:

$\frac{1}{4}$ S 2

1927

from which,

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

An aspen, 4 ins. diam., bears N. 89° E., 12

lks. dist., marked $\frac{1}{4}$ S 2 B T.

An aspen, 4 ins. diam., bears S. 40° E., 22

lks. dist., marked $\frac{1}{4}$ S 2 B T.

- 14.30 Spur, projects E. about 7.00 chs. dist.; desc. abrupt S slope 250 ft. to the bottom of canyon.
- 17.90 Perpendicular ledge, 20 ft. high, bears NE. and SW.
- 19.20 Perpendicular ledge, 15 ft. high, bears NE. and SW.
- 20.00 Enter a heavy growth of fir, spruce, aspen, maple and birch timber, bears E. and W.
- 22.70 Stream of good clear water, 2 lks. wide, 2 ins. deep, in the bottom of a fork of Bob Wright Canyon, course easterly; precipitous ascent of 570 ft. to the top of Telephone Ridge, over NW. slope.
- 35.20 Leave timber, bears NE. and SW.
- 35.90 Telephone line bears N. 70° 30' E. to Price, Utah, and S. 70° 30' W. to Clear Creek, Utah.
- 37.10 Telephone Ridge, bears N. 70° E. and S. 70° W.; desc. abrupt SE. slope 105 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to bedrock, and in a mound of stone, 6 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor. of sec. 3, with brass cap marked:

S 3 $\frac{1}{4}$

1926

At the base of the monument, I chisel a cross (X) into the bedrock.

- 49.00 Enter a heavy growth of aspen, fir and spruce timber, bears NE. and SW.
- 50.00 Stream of good clear water, 2 lks. wide, 2 ins. deep, in the bottom of ravine, 335 ft. below the $\frac{1}{4}$ sec. cor. of sec. 3, course NE.; asc. precipitous NW. slope 765 ft. to the top of Corral Ridge.
- 51.87 The closing cor. of secs. 2 and 11, hereinafter described and subsequently established.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- 74.10 Leave timber, bears NE. and SW.
- 76.00 Corral Ridge, bears N.70°E. and S.70°W.; desc. abrupt
SE. slope 110 ft. to
- 80.53 Point of intersection of the E. and S. bdrs. of sec. 3.
Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of sec. 3, with brass cap
marked:

T14S
R7E
S3

S11

1926

from which,

An aspen, 6 ins. diam., bears N.83°15'W., 189
lks. dist., marked T 14 S R 7 E S 3 B T.

An aspen, 7 ins. diam., bears N.84°W., 189
lks. dist., marked T 14 S R 7 E S 3 B T.

Land, abrupt and mountainous with ledges and outcroppings
of sandstone formation on portions of mile; drainage
SE. and NE. into Bob Wright Canyon, thence easterly.
Soil, sandy loam, or a dark or black mountain loam, vary-
ing in depth from a few ins. to several ft., lying on
a clay subsoil or on bedrock; 1st. and 2nd. rate.
Timber, aspen, Alpine fir, Engelmann spruce, maple,
birch and oak.
Undergrowth, oak and buck brush, service berry and choke-
cherry bushes, sagebrush, deer browse, willows, rose-
bushes, young aspen, fir and spruce.
Excellent grazing of grass and browse.

From the cor. of secs. 3 and 4, hereinbefore described,
East, on a true line along the S. bdy. of sec. 3.
Asc. W. slope 410 ft. to the top of ridge, through a
heavy growth of aspen and scattering fir and spruce
timber, and dense undergrowth of deer browse, young
aspen, fir and spruce.

- 13.50 Leave timber, bears NW. and SE.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.	
13.70	Leave undergrowth of deer browse, young aspen, fir and spruce, and enter a dense growth of sagebrush, bears NW. and SE.
18.00	Stock trail, bears N. and S.
19.40	Castle Valley Ridge, bears N. and S.; desc. steep general SE. slope 500 ft. to the bottom of ravine.
19.80	Leave sagebrush undergrowth, bears N. and S., and enter opening.
23.30	Enter scattering growth of aspen timber.
35.60	Enter a heavy growth of fir and spruce timber, bears NE. and SW.
35.80	Stream of good clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, course NE.; several seeps or small springs rise in the head of this ravine, in lot 3 of sec. 10; asc. gradual NW. slope 10 ft. to
37.54	Point midway bet. the closing cors. of secs. 9 and 10, and 10 and 11, subsequently set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 10, with brass cap marked:
	$\frac{1}{4}$ S 10
	1927
	from which,
	An Alpine fir, 12 ins. diam., bears S.19°45'E., 54 lks. dist., marked $\frac{1}{4}$ S 10 B T.
	An Alpine fir, 9 ins. diam., bears S.34°30'W., 17 lks. dist., marked $\frac{1}{4}$ S 10 B T.
37.60	Enter dense undergrowth of young aspen, fir and spruce, bears NE. and SW.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 3, with brass cap marked:
	$\frac{1}{4}$ S 3
	1926
	from which,
	An Alpine fir, 9 ins. diam., bears N.58°30'E., 15 lks. dist., marked $\frac{1}{4}$ S 3 B T.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

An Alpine fir, 12 ins. diam., bears N.48°30'W., 10
lks. dist., marked $\frac{1}{4}$ S 3 B T.

This cor. stands 15 ft. above the $\frac{1}{4}$ sec. cor. of sec.

10. Continue ascent of 245 ft. to the top of Corral
Ridge, over NW. slope.

43.80 Leave timber, bears N. and S.

44.00 Leave undergrowth, bears N. and S., and enter opening.

61.20 Corral Ridge, bears N.70°E. and S.70°W.; desc. SE.

slope 265 ft. to the closing cor. of secs. 10 and 11.

63.00 Enter a heavy growth of aspen timber, bears NE. and SW.

77.35 The closing cor. of secs. 10 and 11, hereinafter de-
scribed, and subsequently established.

78.00 Leave timber, and enter dense undergrowth of deer
browse, oak brush and choke-cherry bushes, bears NW.
and SE.

79.93 Intersect the sec. cor. of sec. 3, 55 ft. below the
closing cor. of secs. 10 and 11.

Land, mountainous; outcroppings of sandstone formation
on portions of mile; drainage W. into Snider Canyon,
thence NW., W. 19.40 chs.; E. 60.53 chs. drain NE..
into Bob Wright Canyon.

Soil, sandy loam, or a dark or black mountain loam, vary-
ing in depth from a few ins. to several ft., lying on
a clay subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Alpine fir and Engelmann spruce.

Undergrowth, deer browse, young aspen, fir and spruce,
sagebrush, and patches of willows.

Excellent grazing land, except in the heavy growth of
fir and spruce timber.

Random Lines.

From the cor. of secs. 5, 6, 7 and 8, hereinbefore de-
scribed,

South, on a temporary line along the E. bdy. of sec. 7.

40.00 Set temp. $\frac{1}{4}$ sec. cor. for sec. 7.

Survey of the Subdivision of T. 34 S., R. 7 E.

Chains.

80.00 Set temp. sec. cor. for sec. 7.
From the cor. of secs. 7, 12, 13 and 18, on the W. bdy.

of the Tp., hereinbefore described,

East, on a random line along the S. bdy. of sec. 7.

40.00 Set temp. $\frac{1}{4}$ sec. cor. for sec. 7.

79.01 Intersect N. and S. line, 54 lks. S. of the temp. cor.
of sec. 7.

Therefore, the bearing of the E. bdy. of sec. 7 is south
and the distance is 80.54 chs.; and the bearing of the
S. bdy. of sec. 7 is east, and the distance is 79.01
chs.

True Lines.

Commence at the cor. of secs. 5, 6, 7 and 8, hereinbe-
for described.

South, on a true line along the E. bdy. of sec. 7.

Desc. abrupt SE. slope 65 ft., through a heavy growth of
aspen and scattering fir and spruce timber, and dense
undergrowth of deer browse, young aspen, fir and spruce
and gooseberry bushes.

2.30 Stream of good clear water, 1 lk. wide, 1 in. deep, in
wash, 20 lks. wide, 6 ft. deep, in the bottom of ra-
vine, course NE.; asc. precipitous NW. slope 345 ft. to

11.10 Northing of 40.00 chs. from the closing cor. of secs. 8
and 17, subsequently set an iron post, 3 ft. long, 1
in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor.
of sec. 8, with brass cap marked:

$\frac{1}{4}$ S 8

1927

from which,

An Alpine fir, 4 ins. diam., bears N.29°15'E., 40
lks. dist., marked $\frac{1}{4}$ S 8 B T.

An Alpine fir, 4 ins. diam., bears N.67°E., 9
lks. dist., marked $\frac{1}{4}$ S 8 B T.

From this $\frac{1}{4}$ sec. cor., continue abrupt ascent of 110 ft.
to the top of spur, over NW. slope.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.	
12.50	Aspen timber becomes scattering; enter a heavy growth of fir and spruce timber, bears NE. and SW.
14.30	Spur, projects N.25°E. about 10.00 chs. dist.; asc. 225 ft. to
22.90	Head of draw, drains NE.; asc. general N. slope 210 ft. to the top of spur.
25.50	Leave dense undergrowth, bears NW. and SE.; continue through a scattering growth of gooseberry bushes, young fir and spruce.
26.00	Leave timber, bears NW. and SE.
31.90	Spur, projects easterly approximately 17.00 chs. dist., then forks N., northeasterly and southeasterly; leave undergrowth of young fir and spruce; desc. steep S. slope 135 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 7, with brass cap marked:
	$S \ 7 \ \frac{1}{4} \left| \begin{array}{l} 1926 \end{array} \right.$
	from which,
	An Alpine fir, 9 ins. diam., bears S.18°45'W., 397 lks. dist., marked $\frac{1}{4}$ S 7 B T.
	An Alpine fir, 22 ins. diam., bears S.29°W., 651 lks. dist., marked $\frac{1}{4}$ S 7 B T.
44.90	Dry wash, 10 lks. wide, 6 ft. deep, in the bottom of ravine, 40 ft. below the $\frac{1}{4}$ sec. cor. of sec. 7, drains E.; asc. abrupt N. slope 250 ft. to the top of spur.
46.60	Stream of good clear water, 3 lks. wide, 2 ins. deep, course NE.
47.50	Enter a heavy growth of fir and spruce timber, bears E. and W.
51.10	The closing cor. of secs. 8 and 17, hereinafter described, and subsequently established, 170 ft. above the bottom of ravine.
53.50	Leave timber, bears E. and W.
55.30	Spur, projects easterly; desc. S. slope 95 ft. to the

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

bottom of ravine.

57.30 Enter a scattering growth of aspen timber.

62.80 Stream of good clear water, 1 lk. wide, 1 in. deep, in wash, 10 lks. wide, 6 ft. deep, in the bottom of ravine, course easterly; asc. general NE. slope 235 ft. to the sec. cor. of sec 7.

63.30 Dry wash, 10 lks. wide, 7 ft. deep, drains E.

68.00 Leave timber.

70.00 Small seep of good clear water, course NE.

80.54 Point of intersection of the E. and S. bdrs. of sec. 7.
Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of sec. 7, with brass cap marked:

T14S
R7E
S7

S17

1926

and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, NW. of cor.

From this cor., the top of Monument Peak bears N. $29^{\circ}00'W$.
29.25 chs. dist.

Land, steep and mountainous with outcroppings of sandstone formation on portions of mile; drainage NE. into Long Canyon, N. 31.90 chs.; S. 48.64 chs. drain easterly into Mud Creek Canyon.

Soil, sandy loam, or a dark or black mountain loam, varying in depth from about 1 to several ft., lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Alpine fir and Engelmann spruce.

Undergrowth, deer browse, young aspen, fir and spruce, and gooseberry bushes.

Excellent grazing land.

From the cor. of secs. 7, 12, 13 and 18, on the W. bdy. of the Tp., hereinbefore described,
East, on a true line along the S. bdy. of sec. 7.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- Asc. general W. slope 275 ft. to the top of spur,
through a scattering growth of gooseberry bushes.
- 3.20 Enter a medium heavy growth of aspen timber, bears N.
and S.
- 6.00 Leave timber, bears NW. and SE.
- 19.80 Spur, projects southwesterly; desc. SE. slope 230 ft.
to the bottom of Hughes Canyon.
- 27.30 Enter a scattering growth of aspen timber.
- 34.00 Leave timber.
- 34.10 Stream of good clear water, 1 lk. wide, 1 in. deep, in
the bottom of Hughes Canyon, course SW.; asc. SW.
slope 30 ft. to the $\frac{1}{4}$ sec. cor. of sec. 18.
- 34.20 Enter a heavy growth of fir and spruce and scattering
aspen timber, bears NE. and SW.; enter scattering deer
browse undergrowth.
- 35.16 Westing of 40.00 chs. from the closing cor. of secs. 17
and 18, subsequently set an iron post, 3 ft. long, 1
in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor.
of sec. 18, with brass cap marked:

 $\frac{1}{4}$ S 18

1927

from which,

An Engelmann spruce, 14 ins. diam., bears S.57°E.,
29 lks. dist., marked $\frac{1}{4}$ S 18 B T.

An Alpine fir, 5 ins. diam., bears S.76°30'W., 16
lks. dist., marked $\frac{1}{4}$ S 18 B T.

- 40.00 On the SW. slope, 105 ft. above the $\frac{1}{4}$ sec. cor. of sec.
18, set an iron post, 3 ft. long, 1 in. in diam., 27
ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 7, with
brass cap marked:

 $\frac{1}{4}$ S 7

1926

from which,

An Alpine fir, 5 ins. diam., bears N.28°15'E., 17
lks. dist., marked $\frac{1}{4}$ S 7 B T.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

An Engelmann spruce, 5 ins. diam., bears N. 57° W.,

5 lks. dist., marked $\frac{1}{4}$ S 7 B T.

From this $\frac{1}{4}$ sec. cor., continue ascent of 600 ft. to the top of the main ridge or divide, over SW. slope.

51.60 Leave timber, bears NE. and SW., and enter opening.

55.00 Enter a heavy growth of fir and spruce and scattering aspen timber, bears NE. and SW.

55.30 Enter dense undergrowth of young fir and spruce, bears NE. and SW.

67.30 Leave undergrowth of deer browse, young fir and spruce, bears NE. and SW.

68.00 Leave timber, bears NE. and SW.

73.70 Main ridge or divide bet. Huntington Canyon drainage on the W. and Pleasant Valley Creek drainage on the E., bears N. 20° W. and S. 20° E.; desc. gradual NE. slope 10 ft. to

75.16 The closing cor. of secs. 17 and 18, hereinafter described, and subsequently established.

76.00 The main traveled trail along the divide, bears N. 20° W. and S. 20° E.

79.01 Intersect the sec. cor. of sec. 7, 50 ft. below the closing cor. of secs. 17 and 18.

Land, mountainous, with outcroppings of sandstone formation on portions of mile; drainage SW. by Valentines

Gulch and Hughes Canyon into Huntington Canyon, W.

73.70 chs.; E. 5.31 chs. drain easterly into Mud Creek Canyon.

Soil, sandy loam, or a dark or black mountain loam, varying in depth from about 1 to several ft., lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Alpine fir and Engelmann spruce.

Undergrowth, gooseberry bushes, deer browse, young fir and spruce.

Excellent grazing land.

A small spring with a trough hewed from a log, for water--

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

ing stock, is located in the NW. $\frac{1}{4}$ of the SE. $\frac{1}{4}$ of sec. 7.

Random Lines.

From the cor. of secs. 25 and 36, on the E. bdy. of the Tp., hereinbefore described,

West, on a temporary line bet. secs. 25 and 36.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Set temp. cor. for secs. 25, 26, 35 and 36.

From the temp. cor. for secs. 25, 26, 35 and 36,

South, on a random line bet. secs. 35 and 36.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.54 Intersect the S. bdy. of the Tp., 11 lks. E. of the cor. of secs. 35 and 36, hereinbefore described.

True Lines.

Commence at the cor. of secs. 35 and 36, on the S. bdy. of the Tp.

North, on a true line bet. secs. 35 and 36.

Over mountainous land, through a heavy growth of Douglas fir timber, and medium dense undergrowth of young fir, and deer browse; desc. general N. slope 290 ft. to the S. brink of Corner Canyon.

3.00 Fir timber and undergrowth become more scattering; enter a heavy growth of aspen timber, bears NE. and SW.

4.40 Leave undergrowth, bears NE. and NW.

4.60 Leave timber, bears NW. and NE., and enter opening covered with a dense growth of sagebrush.

10.30 Leave opening and sagebrush undergrowth, and enter a heavy growth of aspen and fir timber, bears NW. and SE.

16.50 S. brink of the North Fork of Corner Canyon, bears NE. and SW.; desc. more abrupt NW. slope 170 ft. to

20.30 Stream of good clear water, 1 lk. wide, 1 in. deep, in wash, 40 lks. wide, 10 ft. deep, in the bottom of the North Fork of Corner Canyon, course NE.; asc. abrupt SE. slope 105 ft. to the N. brink of the canyon.

Survey of the Subdivision of T. 14 S., R. 7 E.

- Chains
- 20.60 Leave timber, and enter dense undergrowth of oak brush, sagebrush and service berry bushes, bears NE. and SW.
- 22.60 N. brink of the North Fork of Corner Canyon, bears NE. and SW.; asc. abrupt SW. slope 300 ft. to
- 34.00 Spur, projects SE. approximately 12.00 chs. dist.; desc. 35 ft. to
- 38.30 Head of draw, drains SE.; asc. abrupt SW. slope 40 ft. to
- 40.54 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
- $\frac{1}{4}$
 S 35 | S 36
 1926
- and raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor.
- 46.50 Perpendicular ledge, 60 ft. high, bears NE. and SW.
- 49.50 Spur, 310 ft. above the $\frac{1}{4}$ sec. cor., projects southeasterly about 40.00 chs. dist.; desc. NE. slope 160 ft. to the bottom of draw.
- 52.10 Leave undergrowth of oak brush, sagebrush and service berry bushes, and enter a dense growth of young aspen bears E. and W.
- 52.30 Enter a heavy growth of aspen timber, bears E. and W.
- 55.00 Leave aspen timber and undergrowth, and enter a dense growth of oak brush and sagebrush, bears NE. and NW.
- 56.30 Leave undergrowth of oak brush and sagebrush, and enter a dense growth of young aspen, bears NE. and SW.
- 56.40 Enter a heavy growth of aspen timber, bears NE. and SW.
- 59.50 Draw, drains SE.; asc. general SE. slope 380 ft. to the top of spur.
- 62.50 Leave aspen timber and undergrowth, and enter a dense growth of oak brush and sagebrush, bears N. 80° E. and S. 80° W.
- 76.80 Leave undergrowth, bears NE. and SW.
- 77.20 Spur, projects NE.; desc. abrupt NW. slope 75 ft. to the sec. cor.
- 78.00 A well traveled stock trail bears NE. to the winter

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

range and SW. to the summer range.

- 89.54 Intersect E. and W. temporary line, 11 lks. W. of the temp. cor. for secs. 25, 26, 35 and 36, and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., .27 ins. in the ground, for cor. of secs. 25, 26, 35 and 36, with brass cap marked:

T14S	R7E
S26	S25
S35	S36
1926	

from which,

An aspen, 4 ins. diam., bears N.2°45'E., 390

lks. dist., marked T 14 S R 7 E S 25 B T.

A Douglas fir, 12 ins. diam., bears S.60°W., 569

lks. dist., marked T 14 S R 7 E S 35 B T.

A Douglas fir, 15 ins. diam., bears N.39°30'W., 292

lks. dist., marked T 14 S R 7 E S 26 B T.

There are no trees available in sec. 36; therefore, I raise a mound of stone, 3½ ft. base, 2½ ft. high, W. of cor.

Land, steep and mountainous; light colored and gray sandstone exposed in the form of outcroppings and ledges, on portions of mile; drainage N. and SE. into Corner Canyon, thence NE., S. 77.20 chs.; N. 3.34 chs. drain NW. into First Water Canyon.

Soil, sandy loam, or a dark or black mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen and Douglas fir.

Undergrowth, deer browse, oak brush, sagebrush, service berry bushes, young aspen and Douglas fir.

Good growth of grass and browse on greater portion of mile.

From the cor. of secs. 25 and 36, on the E. bdy. of the Tp., hereinbefore described, West, on a true line bet. secs. 25 and 36, on a Sectional Correction Line.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- Over rolling land, through a heavy growth of aspen timber, and dense undergrowth of young aspen, rosebushes and service berry bushes; asc. NE. slope 110 ft. to the top of spur.
- 0.50. Leave timber, bears N. and S.
- 0.70. Leave undergrowth of young aspen, rosebushes and service berry bushes, and enter a dense growth of sagebrush and patches of tall oak brush.
- 4.30. Leave undergrowth of oak brush, and enter a dense growth of yellow top, bears NE. and SW.
- 10.00. Spur, projects southeasterly about 12.00 chs. dist.; desc. gradually 15 ft. to
- 19.00. Dry wash, 25 lks. wide, 5 ft. deep, in the bottom of swale, drains SE.; asc. gradual NE. slope 135 ft. to the $\frac{1}{4}$ sec. cor.
- 22.00. Line passes through a sheep corral, constructed of poles. Its dimensions are 2.00 X 1.50 chs., and the S. side bears S. 50 lks. dist., and the N. side N. 1.50 chs. dist.
- 24.50. Leave undergrowth of sagebrush and yellow top, and enter dense growth of tall oak brush, bears NW. and SE.
- 25.00. Leave oak brush, and enter a heavy growth of aspen timber, bears NW. and SE.
- 30.00. Leave timber, and enter a dense growth of tall oak brush, bears NE. and SW.
- 39.30. Oak brush becomes more scattering, enter a dense growth of sagebrush, bears NW. and SE.
- 40.11. Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S\ 25 \\ \frac{1}{4} \overline{) } \\ S\ 36 \\ 1926 \end{array}$$
- and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, N. of cor.
- 42.00. Leave rolling land, 45 ft. above the $\frac{1}{4}$ sec. cor., bears NW. and SE.; asc. abrupt NE. slope 515 ft. to the top

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

of spur.

- 54.50 Enter a scattering growth of fir and spruce timber.
- 56.00 Leave timber.
- 61.00 Spur, projects southeasterly approximately 40.00 chs.
dist.; continue ascent of 450-ft. to the top of spur,
across the head of draw, draining SE..
- 73.40 Leave undergrowth of oak brush and sagebrush, and enter
a dense growth of young aspen, bears NE. and SW.
- 77.00 Spur, projects NE.; leave undergrowth, bears NE. and SW.;
desc. NW. slope 45 ft. to sec. cor.
- 77.60 A well traveled stock trail bears NE. to the winter
range and SW. to the summer range.
- 80.11 The cor. of secs. 25, 26, 35 and 36.
Land, rolling or low rolling mountains, E. 42.00 chs.;
steep and mountainous, with outcroppings of light
colored and gray sandstone, W. 38.11 chs.; general
drainage SE. into Corner Canyon, E. 77.00 chs.; W.
3.11 chs. drain NW. into First Water Canyon.
Soil, sandy loam or a dark mountain loam, varying in
depth from a few ins. to several ft., lying on a clay
subsoil or on bedrock; 1st. and 2nd. rate.
Timber, aspen, Alpine and Douglas fir, and Engelmann
spruce.
Undergrowth, sagebrush, oak brush, young aspen, service
berry bushes and rosebushes.
Fair to good growth of grass and browse.

From the cor. of secs. 25, 26, 35 and 36,
North, on a true line bet. secs. 25 and 26, on a Section-
al Guide Meridian.
Desc. precipitous NW. slope 660 ft. to the bottom of
draw.

- 3.90 Enter a heavy growth of aspen timber, bears NE. and SW.
- 4.60 Leave timber, bears NW. and SE.
- 12.60 Enter dense undergrowth of deer browse, young aspen, fir
and spruce, bears NW. and SE.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- 12.80 Enter a heavy growth of aspen, fir and spruce timber, bears NW. and SE.
- 18.00 Leave fir and spruce, continue through a heavy growth of aspen timber, bears NW. and SE.
- 27.00 Draw, drains NW.; asc. S. slope 40 ft. to the top of knoll.
- 28.00 Leave timber and undergrowth of aspen, fir and spruce, and enter a dense growth of oak brush, sagebrush and service berry bushes, bears NW. and SE.
- 33.90 Top of knoll, bears E. and W.; desc. N. slope 125 ft. to the $\frac{1}{4}$ sec. cor.
- 37.70 Leave undergrowth of oak brush, sagebrush and service berry bushes, and enter a dense growth of young aspen, fir and spruce, bears E. and W.
- 37.90 Enter a heavy growth of aspen, fir and spruce timber, bears E. and W.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{c} \frac{1}{4} \\ \text{S } 26 \quad | \quad \text{S } 25 \\ 1926 \end{array}$$

from which,

A Douglas fir, 5 ins. diam., bears S. 57° E., 36 lks. dist., marked $\frac{1}{4}$ S 25 B T.

A Douglas fir, 6 ins. diam., bears N. 50° W., 6 lks. dist., marked $\frac{1}{4}$ S 26 B T.

- 44.20 Ravine, 130 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; asc. S. slope 65 ft. to the top of spur.
- 45.10 Leave timber and undergrowth of aspen, fir and spruce, and enter a dense growth of oak brush, sagebrush and service berry bushes, bears E. and W.
- 47.40 Spur, slopes E. about 4.00 chs. dist.; desc. N. slope 105 ft. to the bottom of canyon.
- 47.70 Leave undergrowth of oak brush, sagebrush and service berry bushes, and enter a dense growth of young aspen, fir and spruce, bears E. and W.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- .47.90 Enter a heavy growth of aspen, fir and spruce timber, bears E. and W.
- 50.00 Stream of good clear water, 1 lk. wide, 1 in. deep, in wash, 50.lks. wide, 25 ft. deep, in the bottom of First Water Canyon, course E.; asc. abrupt SW. slope 290 ft. to the top of spur.
- 51.40 Leave timber and undergrowth of aspen, fir and spruce, and enter a dense growth of oak and buck brush, sagebrush and service berry bushes, bears NW. and SE.
- 63.40 Spur, projects SE. approximately 10.00 chs. dist.; desc. 35 ft. to .
- 67.50 Head of draw, drains SE.; asc. steep general SE. slope 425 ft. to .
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 23, 24, 25 and 26, with brass cap marked: .

T14S	R7E
S23	S24
S26	S25
1926	

and raise a mound of stone, 3 ft. base, 3 ft. high, W. of cor.

Land, abrupt and mountainous, draining generally to the E. by First Water Canyon; outcroppings of red, gray and light colored sandstone formation on portions of mile.

Soil, sandy loam, or a dark or black mountain loam, about 1 to several ft. deep, lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Alpine and Douglas fir, and Engelmann spruce.

Undergrowth, oak and buck brush, sagebrush, deer browse, service berry bushes, young aspen, fir and spruce..

Excellent growth of grass and browse on greater portion of mile.

East, on a random line bet. secs. 24 and 25.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.

Survey of the Subdivision of T. 14 S., R. 7 E.

- Chains.
79.88 Intersect the E. bdy. of the Tp., 2 lks. N. of the cor.
of secs. 24 and 25, hereinbefore described.
- Thence,
N.89°59'W., on a true line bet. secs. 24 and 25.
Over rolling land, through dense undergrowth; asc.
gradual NE. slope 215 ft.
- 19.90 Spur, projects SE. about 8.00 chs. dist.; leave rolling
and enter mountainous land; desc. SW. slope 120 ft.
- 28.90 Dry wash, 10 lks. wide, 6 ft. deep, in the bottom of
draw from NW., drains SW.; asc. SE. slope 50 ft.
- 32.50 Point of spur from NW.; desc. 40 ft.
- 35.60 Dry wash, 30 lks. wide, 20 ft. deep, in the bottom of
draw, drains SE.; asc. NE. slope 130 ft.
- 39.00 Spur, slopes SE. about 3.00 chs. dist.; desc. SW. slope
10 ft. to
- 39.88 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S\ 24 \\ \frac{1}{4} \\ \hline S\ 25 \\ 1926 \end{array}$$
- from which,
- A Douglas fir, 6 ins. diam., bears S.60°W., 303
lks. dist., marked $\frac{1}{4}$ S 25 B T.
- As there are no other trees available, I raise a mound
of stone, 3 ft. base, 2 $\frac{1}{2}$ ft. high, N. of cor.
- 43.90 Dry wash, 30 lks. wide, 10 ft. deep, in the bottom of
draw, 20 ft. below the $\frac{1}{4}$ sec. cor., drains SE.; asc.
abrupt NE. slope 280 ft.
- 51.50 Spur, projects SE. approximately 15.00 chs. dist.; desc.
280 ft.
- 70.40 Draw, drains SE.; asc. 70 ft.
- 73.40 Spur, projects southeasterly about 20.00 chs. dist.;
desc. 80 ft.
- 76.90 Head of draw, drains southeasterly; asc. general SE.
slope 20 ft. to
- 79.88 The cor. of secs. 23, 24, 25 and 26.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

Land, rolling, E. 19.90 chs.; steep and mountainous, W. 59.98 chs.; outcroppings of light colored sandstone formation; general drainage SE. into First Water Canyon, thence E.

Soil, red sand, sandy loam or a dark mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.

Timber, a few scattering Douglas fir.

Undergrowth, oak and buck brush, sagebrush and service berry bushes.

Fair grazing land.

North, on a true line bet. secs. 23 and 24, on a Sectional Guide Meridian.

Asc. precipitous general SE. slope 470 ft. to the top of ridge, through dense undergrowth of sagebrush, oak and buck brush, and service berry bushes.

- 1.70 Top of nearly perpendicular ledge, 90 ft. high, bears NE. and SW.
- 8.80 Leave undergrowth, bears NE. and SW.
- 11.90 Enter sagebrush undergrowth, bears NE. and SW.
- 12.30 Enter a dense growth of oak and buck brush, and service berry bushes, bears NE. and SW.
- 14.10 Lone Pine Tree Ridge, bears NE. and SW.; desc. steep NW. slope 565 ft. to the $\frac{1}{4}$ sec. cor.
- 14.20 Leave undergrowth, bears NE. and SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 23 | S 24
 1926

and raise a mound of stone, 3 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

- 40.60 S. brink of hollow, 5 ft. below the $\frac{1}{4}$ sec. cor., bears NW. and SE.; desc. abrupt NE. slope 220 ft. to the head of hollow.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- 42.00 Enter dense undergrowth of deer browse, young aspen and choke-cherry bushes, bears NE. and SW.
- 42.40 Enter a heavy growth of aspen, fir, spruce and maple timber, bears NE. and SW.
- 49.90 Head of hollow, drains NE.; asc. gradual SE. slope 20 ft. to the N. brink of hollow.
- 52.00 Leave undergrowth of young aspen and choke-cherry bushes, and enter a dense growth of oak brush and service berry bushes, bears NE. and SW.
- 56.10 Leave timber, bears NE. and SW.
- 56.30 Leave undergrowth, bears NE. and SW.
- 56.50 N. brink of hollow, bears NE. and SW.; asc. gradual SE. slope 10 ft. to
- 57.20 Spur, projects northeasterly; desc. NW. slope 215 ft. to sec. cor.
- 59.30 Enter a dense growth of sagebrush, bears NE. and SW.
- 71.00 Leave sagebrush undergrowth, and enter a dense growth of young aspen, bears NE. and SW.
- 72.50 Leave undergrowth of young aspen, and enter a dense growth of sagebrush, bears NW. and SE.
- 79.40 Leave sagebrush undergrowth, and enter a heavy growth of aspen and fir timber and undergrowth, bears E. and W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 13, 14, 23 and 24, with brass cap marked:

T14S	R7E
S14	S13
S23	S24

1926

from which,

An aspen, 5 ins. diam., bears N.27°30'E., 13 lks. dist., marked T 14 S R 7 E S 13 B T.

An aspen, 5 ins. diam., bears S.29°30'E., 9 lks. dist., marked T 14 S R 7 E S 24 B T.

A Douglas fir, 8 ins. diam., bears S.60°30'W., 43 lks. dist., marked T 14 S R 7 E S 23 B T.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

A Douglas fir, 7 ins. diam., bears N.66°30'W., 52 lks. dist., marked T 14 S R 7 E S 14 B T.

Land, mountainous with outcroppings of sandstone formation on portions of mile; drainage SE. into First Water Canyon, S. 14.10 chs.; N. 65.90 chs. drain NE. into Second Water Canyon.

Soil, sandy loam, or a dark or black mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.

Timber, aspen, Alpine and Douglas fir, and Engelmann spruce and maple.

Undergrowth, oak and buck brush, sagebrush, service berry and choke-cherry bushes, young aspen, fir and spruce, and deer browse.

Good grazing land, greater portion of mile.

S.89°59'E., on a random line bet. secs. 13 and 24.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.26 Intersect the E. bdy. of the Tp., 8 lks. N. of the cor. of secs. 13, 18, 19 and 24, hereinbefore described.

Thence,

N.89°56'W., on a true line bet. secs. 13 and 24.

Over rolling land, through dense undergrowth; asc. gradual SE. slope 40 ft.

7.90 Spur, projects NE.; desc. 35 ft. to the bottom of draw.

17.80 Leave undergrowth, and enter a heavy growth of aspen timber, bears NW. and SE.

19.20 Leave timber, and enter dense undergrowth, bears NE. and SW.

19.90 Dry wash, 10 lks. wide, 5 ft. deep, in the bottom of draw, drains NE.; asc. SE. slope 100 ft.

26.90 Spur, projects northeasterly about 15.00 chs. dist.; desc. 40 ft. to the bottom of hollow.

35.10 Leave undergrowth, and enter a heavy growth of aspen timber, bears NE. and SW.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

37.10

Hollow, drains NE.; asc. gradual SE. slope 25 ft. to

40.26

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins.
in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked

S 13

 $\frac{1}{4}$

S 24

1926

from which,

An aspen, 5 ins. diam., bears N.13°15'E., 27

lks. dist., marked $\frac{1}{4}$ S 13 B T.

An aspen, 6 ins. diam., bears S.53°15'W., 12

lks. dist., marked $\frac{1}{4}$ S 24 B T.

40.50

Leave timber, and enter dense undergrowth, bears NE.
and SW.

41.00

Leave rolling and enter mountainous land, bears NE. and
SW., 10 ft. above the $\frac{1}{4}$ sec. cor.; asc. SE. slope 265
ft.

65.10

Spur, projects northeasterly; desc. gradual NW. slope
30 ft. to sec. cor.

77.30

Enter a scattering growth of fir timber.

79.80

Enter a heavy growth of fir and aspen timber, bears NE.
and SW.

80.26

The cor. of secs. 13, 14, 23 and 24.

Land, rolling or low rolling mountainous, E. 41.00 chs.;
mountainous, W. 39.26 chs.; outcroppings of sandstone
formation; general drainage NE. into Second Water
Canyon.

Soil, sandy loam or a dark mountain loam, about 1 to
several ft. deep, lying on a clay subsoil or on bed-
rock; 1st. to 3rd. rate.

Timber, aspen and Douglas fir.

Undergrowth, oak and buck brush, sagebrush, deer browse,
service berry bushes, young aspen and fir.

Good grazing of grass and browse.

North, on a true line bet. secs. 13 and 14, on a Sectional
Guide Meridian.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- Over mountainous land, through a heavy growth of timber and scattering undergrowth of aspen and fir; desc. NW. slope 60 ft. to the bottom of ravine.
- 2.40 Leave timber and undergrowth of aspen and fir, bear NE. and SW.
- 2.50 Ravine, drains NE.; asc. SW. slope 185 ft. to the top of spur.
- 2.70 Enter a dense growth of sagebrush, bears NE. and SW.
- 4.80 Enter dense undergrowth of oak brush, bears NE. and SW.
- 18.00 Spur, projects SE. about 7.00 chs. dist.; desc. 60 ft.
- 22.00 Draw, drains SE.; asc. gradual SE. slope 15 ft. to the top of spur.
- 22.90 Leave undergrowth, bears NE. and SW.
- 26.40 Spur, projects N.70°E. approximately 40.00 chs. dist.; desc. NW. slope 185 ft. to the $\frac{1}{4}$ sec. cor.
- 29.30 Enter dense undergrowth of sagebrush and deer browse, bears NE. and SW.
- 31.30 Leave undergrowth, and enter a heavy growth of aspen and scattering fir timber, bears E. and W.
- 34.00 Leave timber, and enter a dense growth of sagebrush, bears NW. and SE.
- 36.10 Leave sagebrush undergrowth, and enter a heavy growth of aspen timber, bears NE. and SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- ↓

S 14 | S 13

1926.
- from which,
- An aspen, 7 ins. diam., bears S.42°E., 9 lks. dist., marked $\frac{1}{4}$ S 13 B T.
- An aspen, 4 ins. diam., bears S.81°W., 37 lks. dist., marked $\frac{1}{4}$ S 14 B T.
- 41.40 Draw, 30 ft. below the $\frac{1}{4}$ sec. cor., drains NE.; asc. 25 ft.
- 43.50 Spur, projects NE. about 6.00 chs. dist.; desc. NW.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- slope 115 ft. to the bottom of canyon.
- 44.70 Leave aspen, and enter a heavy growth of fir timber, bears NE. and SW.
- 46.80 Enter dense undergrowth of oak brush and service berry bushes, bears NE. and SW.
- 49.20 Leave undergrowth, bears E. and W.
- 49.30 Leave fir timber, and enter dense growth of willows, bears NW. and SE.
- 49.50 Stream of good clear water, 3 lks. wide, 4 ins. deep, in wash, 30 lks. wide, 10 ft. deep, in the bottom of Second Water Canyon, course E.; asc. precipitous SW. slope 515 ft. to the top of spur.
- 49.80 Enter a heavy growth of aspen timber, bears NW. and SE.
- 53.70 Leave timber, bears NW. and SE.
- 54.00 Leave growth of willows, bears NW. and SE.
- 57.20 Enter dense undergrowth of oak brush and service berry bushes, bears NW. and SE.
- 76.20 Perpendicular ledge, 40 ft. high, bears NW. and SE.
- 78.60 Spur, projects southwesterly about 10.00 chs. dist.; desc. NW. slope 10 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 11, 12, 13 and 14, with brass cap marked:

T14S	R7E
S11	S12
S14	S13
1926	

from which,

A Douglas fir, 6 ins. diam., bears N.32°E., 109 lks. dist., marked T 14 S R 7 E S 12 B T.

A Douglas fir, 6 ins. diam., bears S.50°30'E., 55 lks. dist., marked T 14 S R 7 E S 13 B T.

A Douglas fir, 5 ins. diam., bears S.70°45'W., 53 lks. dist., marked T 14 S R 7 E S 14 B T.

A Douglas fir, 7 ins. diam., bears N.26°15'W., 70 lks. dist., marked T 14 S R 7 E S 11 B T.

Land, mountainous, draining NE. and SE. into Second

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

Water Canyon, thence easterly; outcroppings and ledges of sandstone formation on portions of mile.

Soil, sandy loam, or a dark or black mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.

Timber, aspen and Douglas fir.

Undergrowth, oak brush, sagebrush, deer browse, young aspen and fir, service berry bushes and willows.

Fair to good grazing of grass and browse.

S. $89^{\circ}56'E.$, on a random line bet. secs. 12 and 13.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.56 Intersect the E. bdy. of the Tp., 9 lks. S. of the cor. of secs. 12 and 13, hereinbefore described.

Thence,

West, on a true line bet. secs. 12 and 13.

Over rolling land, through dense tall undergrowth; asc. 320 ft. along general N. slope.

22.00 Spur, from N. $70^{\circ}W.$, projects S. $20^{\circ}E.$ approximately 30.00 chs. dist.; leave rolling and enter mountainous land; continue ascent of 295 ft. to the top of spur.

26.10 Head of draw, drains S. $20^{\circ}E.$

38.40 Enter a scattering growth of pinon pine timber.

38.50 Spur, projects SE. about 35.00 chs. dist.; asc. 15 ft. to the $\frac{1}{4}$ sec. cor.

39.60 Head of draw, drains SE.

40.56 On a NE. slope, set an iron post, 3 ft. long, 1 in. in diam., 10 ins. in the ground to solid rock, and in a mound of stone, 5 ft. base, 2 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 12
 $\frac{1}{4}$ —————
S 13
1926

At the base of the monument, I deposit a sandstone, $6 \times 5 \times 1\frac{1}{2}$ ins., marked with a cross (X). Other accessories impracticable.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.	
46.30	Spur, 60 ft. above the $\frac{1}{4}$ sec. cor., projects southeasterly approximately 35.00 chs. dist.; asc. 60 ft. to the head of draw.
46.60	Leave timber.
57.20	Head of draw, drains SE.; continue ascent of 320 ft. to the top of spur.
68.10	Leave dense tall undergrowth of oak and buck brush, and sagebrush, and enter a dense growth of rabbit brush, yellow top and deer browse, bears NE. and SW.
68.20	Spur, projects S. about 25.00 chs. dist.; desc. steep general NW. slope 450 ft. to sec. cor.
68.50	Enter a scattering growth of fir timber, and undergrowth of buck brush.
73.10	Top of nearly perpendicular ledge, 15 ft. high, bears N. 80° W. and S. 80° E.
77.30	Top of nearly perpendicular ledge, 80 ft. high, bears N. and SE.
80.56	The cor. of secs. 11, 12, 13 and 14.
	Land, rolling, low rolling mountainous, and steep and mountainous; outcroppings of sandstone and limestone, and ledges of sandstone formation; drainage S. and SE. into Second Water Canyon.
	Soil, sandy loam or a dark mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.
	Timber, Alpine and Douglas fir, and pinon pine.
	Undergrowth, oak and buck brush, sagebrush, rabbit brush yellow top and deer browse.
	Fair grazing of grass and browse.

North, on a true line bet. secs. 11 and 12, on a Sectional Guide Meridian.

Over mountainous land, through a scattering growth of fir and pine timber, and medium dense undergrowth of buck brush, rabbit brush, deer browse and yellow top; desc. NW. slope 35 ft.

Survey of the Subdivision of T. 14 S., R. 7 E.

- Chains.
2.50 Draw, drains SW.; asc. general SW. slope 660 ft. to the top of ridge.
- 2.70 Leave undergrowth of rabbit brush and yellow top, and enter a dense growth of oak brush, sagebrush and service berry bushes, bears NW. and SE.
- 14.00 Undergrowth becomes scattering, bearing NW. and SE.
- 20.80 Leave timber.
- 21.00 Leave undergrowth.
- 32.80 Bob Wright Ridge, bears NW. and SE.; desc. abrupt NE. slope 270 ft. to the $\frac{1}{2}$ sec. cor.
- 36.40 Enter a heavy growth of aspen and scattering fir timber, bears NE. and SW.
- 36.50 Enter dense undergrowth of deer browse, willows, young aspen, fir and maple, bears NE. and SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 22 ins. in the ground to solid rock, and in a mound of stone, 3 ft. base, 1 ft. high, for $\frac{1}{2}$ sec. cor., with brass cap marked:

S 11 | S 12

1926

from which,

An aspen, 4 ins. diam., bears N.47°E., 9

lks. dist., marked $\frac{1}{2}$ S 12 B T.

An aspen, 5 ins. diam., bears N.84°30'W., 29

lks. dist., marked $\frac{1}{2}$ S 11 B T.

This cor. is located at the base of abrupt descent, bearing of slope changing from NW. and SE. to N. and S.; desc. gradually 465 ft. to the sec. cor.

- 52.00 Leave heavy growth of aspen timber, bears NE. and SW.
- 52.30 Leave undergrowth of willows, young aspen, fir and maple, and enter a dense growth of sagebrush, oak and buck brush, bears NE. and SW.
- 80.00 On an E. slope, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 1, 2, 11 and 12, with brass cap marked:

Survey of the Subdivision of T. 14 S. R. 7 E.

Chains.

T14S	R7E
S2	S1
S11	S12

1926

from which,

A Douglas fir, 12 ins. diam., bears N.56°45'E., 43

lks. dist., marked T 14 S R 7 E S 1 B T.

A Douglas fir, 4 ins. diam., bears S.13°30'E., 74

lks. dist., marked T 14 S R 7 E S 12 B T.

A Douglas fir, 14 ins. diam., bears S.11°15'W., 69

lks. dist., marked T 14 S R 7 E S 11 B T.

A Douglas fir, 6 ins. diam., bears N.78°W., 47

lks. dist., marked T 14 S R 7 E S 2 B T.

Land, abrupt and mountainous, with outcroppings of sandstone formation; general drainage S. into Second Water Canyon, thence E., S. 32.80 chs.; general drainage N. into Bob Wright Canyon, thence easterly, N. 47.20 chs. Numerous seams of coal are exposed on this mile.

Soil, sandy loam, or a dark or black mountain loam, about 1 to 4 ft. deep, lying on a clay subsoil or on bedrock 1st. to 3rd. rate.

Timber, aspen, limber pine, Alpine and Douglas fir; a few scattering maple.

Undergrowth, oak and buck brush, sagebrush, deer browse, rabbit brush and yellow top, young aspen, fir and maple

Fair, grazing land.

East, on a random line bet. secs. 1 and 12.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

81.24 Intersect the E. bdy. of the Tp., 3 lks. N. of the cor. of secs. 1 and 12, hereinbefore described.

Thence,

N.89°59'W., on a true line bet. secs. 1 and 12.

Over mountainous land, through scattering undergrowth; desc. gradual general NW. slope 15 ft. to the bottom of draw.

5.10 Enter dense undergrowth, bears NE. and SW.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains	
12.90	Leave undergrowth, and enter a heavy growth of aspen timber, bears N. and S.
14.50	Draw, drains NE.; asc. 50 ft. to the top of spur.
14.90	Leave timber, and enter dense undergrowth, bears NE. and SW.
17.00	Spur, projects NE.; desc. NW. slope 15 ft.
24.60	Draw, drains N.; asc. SE. slope 100 ft. to top of spur.
28.20	Leave undergrowth, bears NE. and SW.
30.20	Spur, projects NE. about 8.00 chs. dist.; desc. 70 ft. to the bottom of ravine.
33.30	Leave undergrowth, and enter a heavy growth of aspen and maple timber, bears NE. and SW.
34.00	Ravine, drains NE.; asc. 210 ft. to the $\frac{1}{4}$ sec. cor., over precipitous general E. slope.
35.30	Leave timber, and enter dense undergrowth, bears NE. and SW.
41.24	Set an iron post, 3 ft. long, $\frac{1}{2}$ in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	$\begin{array}{r} S\ 1 \\ \hline S\ 12 \\ 1926 \end{array}$
	and raise a mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, N. of cor.
56.90	Spur, 475 ft. above the $\frac{1}{4}$ sec. cor., projects N. approximately 30.00 chs. dist.; desc. abruptly 595 ft. to the bottom of ravine.
61.20	Leave undergrowth, and enter a heavy growth of aspen timber, bears N. and S.
62.20	Leave heavy growth of timber, bears N. and S., and enter scattering.
62.40	Enter dense undergrowth, bears N. and S.
65.20	Enter a heavy growth of fir and spruce timber, bears N. and S.; undergrowth becomes more scattering.
65.40	Top of sloping ledge, 20 ft. high, bears N. and S.
71.50	Dry wash, 70 lks. wide, 30 ft. deep, in the bottom of ravine, drains N.; asc. precipitous E. slope 640 ft.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains. to sec. cor.

75.50 Leave heavy growth of fir and spruce timber, and enter a medium growth, bears N. and S.

77.50 Leave medium heavy growth of fir and spruce, and enter scattering Douglas fir timber, bears NE. and SW.

77.70 Enter dense undergrowth, bears NE. and SW.

81.24 The cor. of secs. 1, 2, 11 and 12:

Land, low rolling mountainous, E. 34.00 chs.; steep and mountainous, W. 47.24 chs.; outcroppings and ledges of sandstone formation on portions of mile; drainage N. and NE. into Bob Wright Canyon, thence easterly.

Soil, sandy loam, or a dark or black mountain loam, varying in depth from about 1 to several ft., lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.

Timber, aspen, Douglas and Alpine fir, Engelmann spruce and maple; a few limber pine grows along the tops of the rocky spurs.

Undergrowth, oak and buck brush, sagebrush, deer browse, service berry bushes, young aspen and fir.

Fair to good grazing land.

North, on a true line bet. secs. 1 and 2, on a Sectional Guide Meridian.

Desc. abruptly 520 ft. to the foot of spur, along general E. slope, through a scattering growth of Douglas fir timber, and dense undergrowth of oak and buck brush, sagebrush and service berry bushes.

3.00 Enter a medium heavy growth of Douglas fir timber, bears NW. and SE.

5.50 Leave undergrowth of oak and buck brush, sagebrush and service berry bushes, and enter a dense growth of willows, currant bushes, young aspen, maple and fir, bears NW. and SE.

15.00 Enter a heavy growth of aspen, fir and spruce timber, bears NW. and SE.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- 18.00 Leave heavy growth of fir and spruce timber, bears NW. and SE.
- 18.10 Foot of spur or base of abrupt descent, bears NW. and SE.; leave undergrowth, bears NW. and SE.; desc. gradually 80 ft. to the bottom of canyon.
- 21.40 Mouth of ravine from SW.
- 33.20 S. bank of wash, 35 ft. high, bears E. and W.; stream of good clear water, 4 lks. wide, 4 ins. deep, in the wash, in the bottom of Bob Wright Canyon, course E.
- 34.50 N. bank of the wash, 30 ft. high, bears E. and W.; asc. general S. slope 65 ft. to the $\frac{1}{4}$ sec. cor.
- 36.70 Leave heavy growth of aspen timber, and enter dense undergrowth of oak and buck brush, sagebrush and service berry bushes, bears NE. and SW.
- 36.90 Old road, bears N.75°E. to Price, Utah, and S.75°W. to Clear Creek, Utah.
- 38.70 Telephone line, bears N.76°15'E. to Price, Utah, and S.76°15'W. to Clear Creek, Utah.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in the ground to solid rock, and in a mound of stone, 4 ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- 4

S 2 | S 1

1926
- and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.
- From this $\frac{1}{4}$ sec. cor., continue ascent of 385 ft. to the closing sec. cor., over abrupt rough general S. slope.
- 48.20 Perpendicular ledge, 20 ft. high, bears NE. and SW.
- 51.46 Intersect the N. bdy. of the Tp., west 2.63 chs. dist. from the cor. of secs. 35 and 36, hereinbefore described, and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 14 ins. in the ground to solid rock, and in a mound of stone, 6 ft.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

base, $1\frac{1}{2}$ ft. high, for closing cor. of secs. 1 and 2,
T. 14 S., R. 7 E., with brass cap marked:

T13SR7E	
S35	
S2	S1
T14S	R7E
CC.	
1926	

At the base of the monument, I deposit a sandstone,
 $5 \times 4 \times 1\frac{1}{2}$ ins., marked with a cross (X). Other accessories impracticable.

A sandstone boulder, $10 \times 10 \times 7$ ft., stands W. 6 lks. dist.,
and projects over the cor.

Land, abrupt and mountainous, draining N. and S. into
Bob Wright Canyon, thence easterly; outcroppings and
ledges of sandstone formation, on the S. 18.10 chs.
and on the N. side of Bob Wright Canyon.

Soil, sandy loam, or a dark or black mountain loam, vary-
ing in depth from a few ins. to several ft., lying on
a clay subsoil or on bedrock; 1st. to 3rd. rate.

Timber, aspen, Douglas and Alpine fir, Engelmann spruce;
birch and maple grow along the bottom of Bob Wright
canyon.

Undergrowth, oak and buck brush, sagebrush, service
berry bushes, willows, currant bushes, young aspen,
maple and fir.

Fair grazing land.

Random Lines.

From the cor. of secs. 25, 26, 35 and 36,
West, on a temporary line bet. sec. 26 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

30.00 Set temp. cor. for secs. 26, 27, 34 and 35.

From the temp. cor. for sec. 26, 27, 34 and 35,
S. $0^{\circ}01'E.$, on a random line bet. sec. 34 and 35.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

30.38 Intersect the S. bdy. of the Tp., 8 lks. W. of the cor.
of secs. 34 and 35, hereinbefore described.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

True Lines.

Commence at the cor. of secs. 34 and 35, on the S. bdy. of the Tp.

N.0°01'W., on a true line bet. secs. 34 and 35.

Asc. 130 ft. along SW. slope, through dense undergrowth of sagebrush and deer browse.

5.20 Leave undergrowth, bears NW. and SE.

6.80 Spur, projects W. approximately 30.00 chs. dist.; desc. 25 ft.

13.80 Trail, bears NW. and SE., in the head of draw, draining W.; asc. 20 ft.

19.70 Castle Valley Ridge, bears NW. and SE.; desc. 55 ft.

23.50 Stream of clear water, 1 lk. wide, 1 in. deep, rises W. about 50 lks. dist., in the bottom of draw, course E.; asc. 30 ft.

24.70 Enter a medium heavy growth of aspen timber, bears E. and W.

26.60 Spur, projects E. about 15.00 chs. dist.; desc. 175 ft.

30.00 Trail, bears NW. and SE.

30.50 Aspen becomes scattering; enter a heavy growth of fir and spruce timber, bears E. and W.

32.00 Fir and spruce timber becomes scattering; enter a heavy growth of aspen timber, bears E. and W.

32.20 Enter dense undergrowth of sagebrush and chokecherry, bears NE. and SW.

35.20 Head of ravine, drains easterly; asc. SW. slope 110 ft. to $\frac{1}{4}$ sec. cor.

38.50 Leave chokecherry undergrowth, bears NW. and SE.

40.38 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 34 | S 35
 1927

from which,

An aspen, 5 ins. diam., bears N.12°30'E., 136

lks. dist., marked $\frac{1}{4}$ S 35 B.T.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- An aspen, 6 ins. diam., bears N.4°15'W., 51
 lks. dist., marked $\frac{1}{2}$ S. 34 B T.
- 42.10 Spur, 20 ft. above $\frac{1}{2}$ sec. cor., projects SE. about
 . 12.00 chs. dist.; desc. 10 ft.
- 45.80 Leave timber, bears NW. and SE.
- 47.10 Head of the North Fork of Corner Canyon, drains SE.;
 asc. SE. slope 35 ft.
- 49.80 Castle Valley Ridge, bears NE. and SW.; desc. 150 ft.
- 52.40 The W. edge of a sink hole, 2.00 chs. in diam., 50 ft.
 deep, bears E. 3.62 chs. dist.
- 52.50 Enter a scattering growth of aspen, fir and spruce
 timber.
- 55.10 Leave sagebrush, bears NE. and SW.
- 60.50 Enter a heavy growth of fir and spruce timber, bears E.
 and W.
- 62.10 Fir and spruce become scattering; enter a heavy growth
 of aspen timber, bears NW. and SE.
- 62.20 Head of ravine, drains W.; asc. SW. slope 195 ft.
- 62.30 Trail, bears NW. and SE.
- 66.00 Enter dense undergrowth of sagebrush, bears NE. and SW.
- 69.30 Leave sagebrush, bears NE. and SW.
- 72.80 Leave timber, bears NW. and SE.
- 73.10 Trail, bears NW. and SE.
- 75.30 Castle Valley Ridge, bears NW. and SE.; desc. NE. slope
 190 ft. to sec. cor.
- 75.62 A Bench Mark of the U. S. Geological Survey, which is
 an iron post, 3 ins. in diam., extending 12 ins. above
 ground, firmly set, and marked U. S. Geological Survey
 Elevation above Sea 9772 feet, Datum V. A. B. M.,
 bears N.20°33'W. 84.94 chs. dist.
- 77.10 Enter a heavy growth of fir and spruce, and scattering
 aspen timber, bears NW. and SE.
- 80.38 Intersect E. and W. temporary line, 8 lks. E. of the
 temp. cor. for secs. 126, 27, 34 and 35, and at the
 point of intersection, set an iron post, 3 ft. long,

Survey of the Subdivision of T. 14 S. R. 7 E.

Chains.

2 ins. in diam., 27 ins. in the ground, for cor. of
secs. 26, 27, 34 and 35, with brass cap marked:

T14S	R7E
S27	S26
S34	S35
1927	

from which,

An Engelmann spruce, 10 ins. diam., bears N.55°30'E.,

.25 lks. dist., marked T 14 S R 7 E S 26 B T.

A Douglas fir, .8 ins. diam., bears S.59°E., 27.

lks. dist., marked T 14 S R 7 E S 35 B T.

A Douglas fir, 7 ins. diam., bears S.41°15'W., 31

lks. dist., marked T 14 S R 7 E S 34 B T.

A Douglas fir, 7 ins. diam., bears N.25°15'W., 50

lks. dist., marked T 14 S R 7 E S 27 B T.

Land, mountainous; sandstone formation; portions of mile
drain W. into Nuc Woodward Canyon, and portions drain
E. into the North Fork of Corner Canyon, and NE. into
First Water Canyon.

Soil, sandy loam or a dark mountain loam, varying in
depth from a few ins. to several ft., lying on a clay
subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Engelmann spruce, Alpine and Douglas fir.

Undergrowth, sagebrush, deer browse and chokecherry.

Good grazing of grass and browse.

From the cor. of secs. 25, 26, 35 and 36,

West, on a true line bet. secs. 26 and 35, on a Section-
al Correction Line.

Desc. abrupt NW. slope 175 ft., through a dense growth
of grass.

3.40 Enter a heavy growth of Douglas fir timber, bears NE.
and SW.

3.60 Enter dense undergrowth of deer browse and currant
bushes, bears NE. and SW.

5.40 Enter a heavy growth of aspen timber, bears NE. and SW.

9.40 Draw, drains NE.; asc. 165 ft.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- 19.50 Spur, projects NE. approximately 30.00 chs. dist.; leave timber, bears NE. and SW.; steep descent of 460 ft.
- 19.70 Leave undergrowth, bears NE. and SW.
- 24.10 Enter a heavy growth of Douglas fir and aspen timber, bears NE. and SW.
- 26.30 Leave aspen timber, and enter dense undergrowth of deer browse and young fir, bears NE. and SW.
- 33.00 Ravine, drains NE.; asc. SE., slope 250 ft. to $\frac{1}{4}$ sec. cor.
- 33.40 Douglas fir becomes scattering; enter a heavy growth of aspen timber and undergrowth, bears NE. and SW.
- 39.96 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- | |
|---------------|
| S 26 |
| $\frac{1}{4}$ |
| S 35 |
| 1927 |
- from which,
- A Douglas fir, 5 ins. diam., bears N. 40° 30' E., 25 lks. dist., marked $\frac{1}{4}$ S 26 B T.
- An aspen, 4 ins. diam., bears S. 16° 30' E., 15 lks. dist., marked $\frac{1}{4}$ S 35 B T.
- 43.00 Leave aspen timber and undergrowth, and enter a heavy growth of Douglas fir timber, bears NE. and SW.
- 45.10 Spur, 175 ft. above $\frac{1}{4}$ sec. cor., projects NE. about 6.00 chs. dist.; desc. 15 ft.
- 48.20 Draw, drains NE.; asc. abruptly 535 ft.
- 49.00 Douglas fir becomes scattering; enter a heavy growth of aspen timber and undergrowth, bears NE. and SW.
- 61.30 Leave timber and undergrowth, bears NE. and SW.
- 62.20 Spur, projects northeasterly; desc. 160 ft..
- 64.90 Enter a heavy growth of fir and spruce timber, bears NE. and SW.
- 71.7 Draw, drains NE.; asc. 205 ft.
- 72.00 Enter dense undergrowth of deer browse, young fir and spruce, bears NE. and SW.
- 77.10 Spur, projects NE. about 15.00 chs. dist.; desc. 15 ft.
- 79.20 Head of draw, drains NE.; asc. 10 ft. to

Survey of the Subdivision of T. 14 S. R. 7 E.

Chains:

79.92 The cor. of secs. 26; 27, 34 and 35.

Land, abrupt and mountainous with outcroppings of sand-
stone formation; drainage NE. into First Water Canyon.

Soil, a sandy or dark mountain loam, about 1 to 4 ft.

deep, lying on a clay subsoil or on bedrock; 1st. and
2nd. rate.

Timber, aspen; Douglas and Alpine fir, and Engelmann
spruce.

Undergrowth, deer browse, currant bushes; young aspen,
fir and spruce.

Fair to an excellent growth of grass and browse.

From the cor. of secs. 26, 27; 34 and 35,

N.0°01'W., on a true line bet. secs. 26 and 27.

Over mountainous land, through a heavy growth of fir,
aspen and spruce timber and undergrowth; desc. abrupt
general NE. slope 195 ft.

6.70 Leave fir and spruce timber and undergrowth, and enter
a heavy growth of aspen timber, bears NE. and SW.

6.80 Enter a dense growth of deer browse and chokecherry
bushes, bears NE. and SW.

7.00 Draw, drains NE.; asc. gradually 30 ft.

14.50 Spur, projects NE. about 12.00 chs. dist.; desc. 250 ft.

15.40 Aspen becomes scattering; enter a heavy growth of fir
and spruce timber, bears NE. and SW.

18.70 Leave fir and spruce, and enter a heavy growth of aspen
timber, bears E. and W.

23.00 Ravine; drains easterly; asc. abruptly 235 ft.

39.70 Spur, projects easterly approximately 30.00 chs. dist.;
desc. gradually 5 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 27 S 26

1927

from which,

Survey of the Subdivision of T. 14 S. R. 7 E.

Chains.

An aspen, 5 ins. diam., bears S. $66^{\circ}15'E$, 14
lks. dist., marked $\frac{1}{2}$ S 26 B T.

An aspen, 5 ins. diam., bears N. $54^{\circ}45'W$, 19
lks. dist., marked $\frac{1}{2}$ S 27 B T.

41.20 Enter a heavy growth of fir and spruce timber, bears NW.
and SE. Undergrowth becomes scattering.

45.00 Leave heavy growth of aspen timber, and enter scattering
bears E. and W.; leave chokecherry bushes.

57.00 Leave timber, bears NE. and SW., and enter dense under-
growth of willows and young aspen.

57.60 Stream of clear water, 2 lks. wide, 2 ins. deep, in the
bottom of the main fork of First Water Canyon, 625 ft.
below $\frac{1}{4}$ sec. cor., course E.; asc. SW. slope 230 ft.

59.60 Leave willows, enter a heavy growth of aspen timber,
bears E. and W.

63.20 Leave timber, bears NW. and SE., and enter dense under-
growth of deer browse, oak brush, sagebrush and service
berry bushes.

66.70 Enter a medium heavy growth of aspen timber, bears NE.
and NW.

67.60 Spur, projects SE. about 12.00 chs. dist.; desc. 60 ft.

67.80 Leave undergrowth of oak brush and sagebrush, and enter
a dense growth of chokecherry bushes, bears NW. and SE.

73.90 Stream of clear water, 1 lk. wide, 1 in. deep, in the
bottom of draw, course SE.; asc. abrupt general S.
slope 160 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 22, 23, 26 and 27,
with brass cap marked:

T14S	R7E
S22	S23
S27	S26
1927	

from which,

An aspen, 5 ins. diam., bears N. $8^{\circ}E$, 19

lks. dist., marked T 14 S R 7 E S 23 B T.

An aspen, 7 ins. diam., bears S. $54^{\circ}15'E$, 23

lks. dist., marked T 14 S R 7 E S 26 B T.

Survey of the Subdivision of T. 14 S. R. 7 E.

Chains.

An aspen, 6 ins. diam., bears S.9°W., 40

lks. dist., marked T 14 S R 7 E S 27 B T.

An aspen, 5 ins. diam., bears N.12°15'W., 42

lks. dist., marked T 14 S R 7 E S 22 B T.

From this cor. U. S. Geological Survey Bench Mark, hereinbefore described, and located 9772 ft. above sea level, bears S.80°03'W. 30.23 chs. dist.

Land, steep and mountainous, draining generally to the E. by First Water Canyon; sandstone outcroppings.

Soil, a sandy or dark mountain loam, varying in depth from about 1 to several ft., lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Engelmann spruce, Douglas and Alpine fir.

Undergrowth, deer browse, young aspen, fir and spruce, willows, sagebrush, oak brush, chokecherry and service berry bushes.

Fair to an excellent growth of grass and browse.

East, on a random line bet. secs. 23 and 26.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.68 Intersect Sectional Guide Meridian, 10 lks. S. of the cor. of secs. 23, 24, 25 and 26.

Thence,

S.89°56'W., on a true line bet. secs. 23 and 26.

Over rough mountainous land, through dense undergrowth; asc. precipitous general SE. slope 280 ft.

1.70 Perpendicular ledge, 95 ft. high, bears NE. and SW.

4.40 Perpendicular ledge, 80 ft. high, bears N.60°E. and S.60°W.

7.60 Spur, projects southeasterly; desc. 90 ft.

8.20 Top of sloping ledge, 40 ft. high, bears NW. and SE.

18.10 Draw, drains S.; asc. abruptly 230 ft.

23.70 Top of sloping ledge, 20 ft. high, bears NE. and SW.

31.50 Spur, projects S.20°E. about 20.00 chs. dist.; desc. 80 ft. to $\frac{1}{4}$ sec. cor., along general S. slope.

Survey of the Subdivision of T. 24 S., R. 7 E.

Chains.

39.84 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S. 23

S. 26

1927

and raise a mound of stone, 3 ft. base, 3 ft. high, N. of cor.

41.70 Draw, 40 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc. 290 ft.

49.70 Undergrowth becomes scattering; enter a heavy growth of aspen timber, bears NW. and SE.

54.60 Leave timber, and enter dense undergrowth, bears NW. and SE.

55.70 Spur, projects SE. approximately 15.00 chs. dist.; desc. 10 ft.

57.30 Head of draw, drains SE.; asc. 30 ft.

61.60 Spur, projects S. about 12.00 chs. dist.; desc. 245 ft.

69.70 Leave undergrowth, and enter a heavy growth of aspen timber, bears NE. and SW.

70.00 Draw, drains SW.; asc. 120 ft. along general S. slope to sec. cor.

72.80 Leave timber, and enter dense undergrowth, bears NE. and SW.

76.40 Enter a heavy growth of aspen timber, bears NW. and SE.

79.68 The cor. of secs. 22, 23, 26 and 27.

Land, steep and rough S. slope of Lone Pine Tree Ridge; sandstone formation; general drainage into First Water Canyon, thence E.

Soil, red sand, sandy loam or a dark loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.

Timber, aspen; a few scattering Douglas fir and pinon pine.

Undergrowth, deer browse, sagebrush, oak and buck brush, young aspen, chokecherry and service berry bushes.

Good grazing of grass and browse.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

N.0°01'W., bet. secs. 22 and 23.

Asc. steep general S. slope 270 ft., through a heavy growth of aspen timber and dense undergrowth.

4.20 Leave timber, bears NE. and SW.

8.80 Leave undergrowth, bears NE. and SW.

10.40 Saddle on top of Lone Pine Tree Ridge, bears N.70°E. and S.70°W.; abrupt descent of 720 ft. over NW. slope.

15.30 Enter dense undergrowth, bears E. and W.

16.40 Enter a heavy growth of aspen, fir and spruce timber, bears NE. and SW.

31.30 Leave aspen timber, bears NE. and SW.

38.80 Draw, drains NW.; asc. SW. slope 10 ft. to

40.00 True point for $\frac{1}{4}$ sec. cor. falls on steep slope where the ground is loose and breaking off, caused by deep snow. Cor. not set.

40.51 At the top of ascent, bearing NW. and SE., 10 ft. above the true point for $\frac{1}{4}$ sec. cor., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 22 | S 23
 W C
 1927

from which,

An aspen, 9 ins. diam., bears N.70°30'E., 24

lks. dist., marked W C $\frac{1}{4}$ S 23 B T.

An Engelmann spruce, 4 ins. diam., bears S.40°30'W.,

19 lks. dist., marked W C $\frac{1}{4}$ S 22 B T.

44.70 Stream of clear water, 6 lks. wide, 3 ins. deep, in the bottom of a fork of Second Water Canyon, 105 ft. below witness $\frac{1}{4}$ sec. cor., course NE.; asc. 40 ft.

45.30 Enter a heavy growth of aspen timber, bears NE. and SW.

47.30 Spur, slopes NE. about 2.00 chs. dist.; desc. 155 ft.

56.70 Leave heavy growth of fir and spruce timber, bears NW. and SE.

57.10 Stream of clear water, 3 lks. wide, 4 ins. deep, in the

Survey of the Subdivision of Twp. 14 S., R. 7 E.

Chains.

bottom of ravine, course N. 29° asc. abrupt general SE.
slope 235 ft.

- 64.70 Leave aspen timber, bears NE. and SW.
75.50 Spur, projects E: about 8.00 chs. dist.; desc. 25 ft.
77.50 Draw, drains E.; asc. SE. slope 50 ft. to
80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.

in the ground, for cor. of secs. 14, 15, 22 and 23,
with brass cap marked:

T14S	R7E
S15	S14
S22	S23
1927	

from which,

An oak, 4 ins. diam., bears N. 66° 30' E., 11
lks. dist., marked T 14 S R 7 E S 14 B T.

An oak, 4 ins. diam., bears S. 33° 15' E., 16
lks. dist., marked T 14 S R 7 E S 23 B T.

An aspen, 4 ins. diam., bears S. 82° 45' W., 342
lks. dist., marked T 14 S R 7 E S 22 B T.

An oak, 4 ins. diam., bears N. 17° 30' W., 21
lks. dist., marked T 14 S R 7 E S 15 B T.

Land, abrupt and mountainous with outcroppings of sand-
stone formation; drainage SE. into First Water Canyon
S. 10.40 chs.; N. 69.60 chs. drain NE. into Second
Water Canyon.

Soil, red sand, sandy loam or a dark mountain loam,
varying in depth from a few ins. to several ft., lying
on a clay subsoil or on bedrock; 1st. to 3rd. rate.

Timber, aspen, Douglas and Alpine fir, and Engelmann
spruce.

Undergrowth, deer browse, oak brush, sagebrush, choke-
cherry, service berry and goose berry bushes, and
young aspen, fir and spruce.

Excellent growth of grass and browse.

N. 89° 56' E., on a random line bet. secs. 14 and 23.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

70. Intersect Sectional Guide Meridian, 7 lks. S. of the cor. of secs. 13, 14, 23 and 24.
- Thence,
- S.89°53'W., on a true line bet. secs. 14 and 23.
- Desc. NE. slope 35 ft., through a heavy growth of aspen timber, and scattering undergrowth.
- 1.70 Ravine, drains NE.; asc. abrupt SE. slope 935 ft.
- 4.50 Leave timber, and enter dense tall undergrowth, bears NE. and SW.
- 30.20 Undergrowth becomes scattering; enter a medium heavy growth of aspen timber, bears NE. and SW.
- 31.70 Leave timber, and enter dense tall undergrowth, bears NE. and SW.
- 32.00 Leave undergrowth, bears NE. and SW.
- 32.20 Spur, projects N.25°E.; desc. steep NW. slope 240 ft. to the $\frac{1}{4}$ sec. cor.
- 38.70 Enter dense undergrowth, bears NW. and SE.
- 39.20 Undergrowth becomes more scattering; enter a heavy growth of aspen, fir and spruce timber, bears NW. and SE.
- 39.85 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S\ 14 \\ \frac{1}{4} \\ S\ 23 \\ 1927 \end{array}$$
- from which,
- A Douglas fir, 14 ins. diam., bears N.42°30'W., 46 lks. dist., marked $\frac{1}{4}$ S 14 B T.
- A Douglas fir, 8 ins. diam., bears S.33°E., 22 lks. dist., marked $\frac{1}{4}$ S 23 B T.
- 50.40 Stream of clear water, 1 lk. wide, 2 ins. deep, in the bottom of ravine, 355 ft. below $\frac{1}{4}$ sec. cor., course N.20°E.; abrupt ascent of 270 ft.
- 51.50 Leave fir and spruce timber, bears NE. and SW.
- 57.10 Leave aspen timber, bears NE. and SW.
- 57.20 Spur, projects N.20°E. about 15.00 chs. dist.; desc. 365 ft.

Survey of the Subdivision of Twp. 14 S., R. 7 E.

Chains.	
59.30	Enter a heavy growth of fir and spruce timber, bears NE. and SW.
63.70	Enter a heavy growth of aspen timber, bears NE. and SW.
67.10	Stream of clear water, 3 lks. wide, 3 ins. deep, in the bottom of a fork of Second Water Canyon, course NE.; asc. steep SE. slope 490 ft. to sec. cor.
69.00	Leave heavy and enter a medium dense growth of timber, bears NE. and SW.
69.50	Enter dense tall undergrowth, bears NE. and SW.
72.40	Timber becomes scattering, bearing NE. and SW.
79.70	The cor. of secs. 14, 15, 22 and 23.
	Land, abrupt and mountainous, draining NE. into Second Water Canyon; outcroppings of sandstone formation.
	Soil, sandy loam or a dark mountain loam, about 1 to 6 ft. deep, lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.
	Timber, aspen, Engelmann spruce, Alpine and Douglas fir; patches of maple along bottoms of ravines and canyons.
	Undergrowth, deer browse, oak and buck brush, sagebrush, willows, chokecherry, service berry and gooseberry bushes, young aspen, fir and spruce.
	Fair grazing land.
	N.0°01'W., bet. secs. 14 and 15.
	Asc. steep SE. slope 80 ft., through scattering growth of fir and spruce timber, and dense tall undergrowth.
4.40	Leave undergrowth, and enter a heavy growth of fir and spruce timber, bears E. and W.
4.90	Spur, projects NE. about 15.00 chs. dist.; precipitous descent of 495 ft., over general N. slope.
6.30	Enter a heavy growth of aspen timber, bears E. and W.
17.50	Stream of clear water, 4 lks. wide, 3 ins. deep, in the bottom of a fork of Second Water Canyon, course E.; asc. abrupt S. slope 695 ft.
18.40	Leave timber, and enter dense tall undergrowth, bears NE. and SW.

Survey of the Subdivision of T. 14 S. R. 7 E.

Chains.

34.70

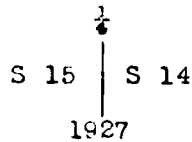
Leave undergrowth, and enter a heavy growth of aspen timber, bears NE. and SW.

38.30

Spur, projects S.80°E. about 7.00 chs. dist. to a peak, thence NE. approximately 30.00 chs. dist.; desc. NE. slope 35 ft. to

40.00

Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:



from which,

An Alpine fir, 12 ins. diam., bears N.74°30'E., $3\frac{1}{2}$ lks. dist., marked $\frac{1}{4}$ S 14 P T.

An Alpine fir, 10 ins. diam., bears N.53°30'W., 23 lks. dist., marked $\frac{1}{4}$ S 15 P T.

40.10

Enter a heavy growth of fir and spruce timber, bears E. and W.

47.60

Leave fir and spruce timber, bears NE. and SW., and enter dense tall undergrowth.

47.80

Draw, 230 ft. below $\frac{1}{4}$ sec. cor., drains NE.; asc. 120 ft.

51.80

Leave aspen timber, bears NE. and SW.

55.30

Leave undergrowth, and enter a heavy growth of aspen timber, bears NW. and SE.

56.50

Spur, projects N.60°E. about 20.00 chs. dist.; abrupt descent of 545 ft. over NW. slope.

57.00

Leave aspen timber, and enter dense tall undergrowth, bears NE. and SW.

71.70

Leave undergrowth, and enter a heavy growth of aspen timber, bears NE. and SW.

72.80

Stream of clear water, 3 lks. wide, 4 ins. deep, in the bottom of the main fork of Second Water Canyon, course E.; asc. precipitous general S. slope 295 ft. to sec. cor.

74.30

Leave aspen timber, and enter dense tall undergrowth, bears E. and W.

80.00

Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains. in the ground, for cor. of secs. 10, 11, 14 and 15, with brass cap marked:

T14S	R7E
S10	S11
S15	S14
1927	

and raise a mound of stone, 4 ft. base, 2 ft. high, W. of cor.

Land, steep and mountainous, draining generally to the E.

by Second Water Canyon; outcroppings of sandstone.

Soil, sandy loam or a dark mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.

Timber, aspen, Engelmann spruce, Alpine and Douglas fir.

Undergrowth, oak and buck brush, deer browse, sagebrush, willows, chokecherry, gooseberry and service berry bushes, young aspen, fir and spruce.

Excellent growth of grass and browse.

N.89°53'E., on a random line bet. secs. 11 and 14.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.78 Intersect Sectional Guide Meridian, 5 lks. S. of the cor. of secs. 11, 12, 13 and 14.

Thence,

S.89°51'W., on a true line bet. secs. 11 and 14.

Over mountainous land, through a scattering growth of fir and pine timber, and medium dense tall undergrowth desc. abrupt NW. slope 145 ft.

2.80 Draw, drains SW.; asc. 25 ft.

5.80 Spur, slopes SW. about 1.00 chs. dist.; desc. 95 ft.

8.10 Ravine, drains S.; asc. 95 ft., over NE. slope.

9.50 Spur, slopes SE. about 2.00 chs. dist.; desc. 20 ft.

11.40 Draw, drains SE.; precipitous ascent of 735 ft.

19.50 Perpendicular ledge, 20 ft. high, bears N.10°E. and S.10°W.

31.20 Spur, projects S.15°E. approximately 20.00 chs. dist.; desc. SW. slope 110 ft. to $\frac{1}{4}$ sec. cor.

Survey of the Subdivision of T. 14 S. R. 7 E.

Chains.	
34.30	Enter dense undergrowth, bears NE. and SW.
38.80	Leave undergrowth, bears NW. and SE.
59.89	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	$\begin{array}{r} S\ 11 \\ \hline S\ 14 \\ 1927 \end{array}$
	from which,
	An aspen, 4 ins. diam., bears S. $57^{\circ}15'E.$, 144 lks. dist., marked $\frac{1}{4}$ S 14 B T.
	An oak, 4 ins. diam., bears S. $50^{\circ}45'E.$, 127 lks. dist., marked $\frac{1}{4}$ S 14 B T.
	And raise a mound of stone, 3 ft. base, 2 ft. high, N. of cor.
46.30	Enter dense undergrowth, bears NE. and SW.
47.80	Draw, 195 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc. 195 ft.
51.40	Perpendicular ledge, 20 ft. high, bears N. $30^{\circ}E.$ and S. $30^{\circ}W.$
53.80	Spur, projects S. $25^{\circ}E.$ about 12.00 chs. dist.; desc. SW. slope 385 ft.
65.00	Leave scattering growth of fir and pine timber.
66.50	Draw, drains S. $20^{\circ}W.$; asc. E. slope 110 ft.
70.80	Spur, slopes S. approximately 8.00 chs. dist.; desc. 75 ft.
75.40	Draw, drains S.; small grove of aspen timber along bottom of the draw; asc. 140 ft.
79.50	Spur, slopes S. about 3.00 chs. dist.; desc. 10 ft. to
79.78	The cor. of secs. 10, 11, 14 and 15.
	Land, abrupt general S. slope of Bob Wright Ridge, over draws, ravines and spurs, putting to the S. and SE.; general drainage E. by Second Water Canyon; sandstone formation.
	Soil, red sand or sandy loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.
	Timber, aspen, Douglas fir, pinon and limber pine.
	Undergrowth, oak and buck brush, sagebrush, deer browse and service berry bushes.

Survey of the Subdivision of T. 14 S. R. 7 E.

Chains.

Good grazing of grass and browse.

N.0°01'W., on a true line bet. secs. 10 and 11.

Asc. precipitous general S. slope 510 ft., through dense tall undergrowth.

4.30 Top of sloping ledge, 40 ft. high, bears NE. and SW.

13.20 Leave undergrowth, and enter a heavy growth of aspen timber, bears NE. and NW:

19.30 Leave timber, bears NE. and SW:

20.50 Bob Wright Ridge, bears E. and S.80°W.; abrupt descent of 585 ft. over N. slope.

20.30 From this point, U. S. Geological Survey Bench Mark, hereinbefore described, and located at 9772 ft. above sea level, bears S.9°05'W.

22.40 Enter a heavy growth of aspen, and scattering fir timber, bears NW. and SE.

29.00 Enter dense undergrowth, bears NE. and SW.

33.00 Leave aspen, and enter a heavy growth of fir timber, bears NE. and SW.

38.70 Leave fir timber, bears NE. and SW.

38.80 Stream of clear water, 4 lks. wide, 3 ins. deep, in the bottom of a fork of Bob Wright Canyon, course NE.; asc.

38.90 Enter a heavy growth of aspen timber, bears NE. and SW.

40.00 On an abrupt SE. slope, 55 ft. above the bottom of canyon; set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
$$\begin{array}{c} \frac{1}{4} \\ \text{S } 10 \quad \left| \quad \text{S } 11 \\ 1927 \end{array}$$

from which,

An aspen, 6 ins. diam., bears N.84°E., 18 lks. dist., marked $\frac{1}{4}$ S 11 B T.An aspen, 7 ins. diam., bears S.65°W., 13 lks. dist., marked $\frac{1}{4}$ S 10 B T.

40.50 Leave timber, and enter dense tall undergrowth, bears NW. and SE.

Survey of the Subdivision of T. 14 S. R. 7 E.

Chains.

48.20

Undergrowth becomes scattering; enter a medium dense growth of aspen timber, bears NW. and SE.

51.40

Intersect the S. bdy. of sec. 3, west 2.58 chs. dist. from the cor. of sec. 3, hereinbefore described, and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 10 and 11, with brass cap marked:

S3

S10	S11
T14S	R7E
CC	
1927	

from which,

An aspen, 5 ins. diam., bears S.29°45'E., 16

lks. dist., marked T 14 S R 7 E S 11 C C R T.

An aspen, 6 ins. diam., bears S.15°W., 18

lks. dist., marked T 14 S R 7 E S 10 C C R T.

This cor. stands on a SE. slope 315 ft. above the 4 sec. cor.

Land, steep and mountainous; sandstone formation; drainage S. into Second Water Canyon, S. 20.50 chs.; remainder of line drains NE. into Bob Wright Canyon.

Soil, sandy loam or a dark mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.

Timber, aspen, Douglas and Alpine fir, and Engelmann spruce.

Undergrowth, oak and buck brush, sagebrush, deer browse, chokecherry, service berry and gooseberry bushes.

Good grazing land.

From the cor. of secs. 1, 2, 11 and 12, on Sectional Guide Meridian,

S.89°51'W., on a true line bet. secs. 2 and 11.

Asc. abrupt general E. slope 35 ft., through a scattering growth of fir timber, and dense tall undergrowth.

1.00

Leave undergrowth, bears N.10°E. and S.10°W.

1.20

Leave timber,

Survey of the Subdivision of Troland

Chains.

- 1.40 Spur, projects N.10°E., about 20.00 chs., dist. 20.00 chs., steep general W. slope, 435 ft.
- 5.70 Enter dense tall undergrowth, bears NE. and SW.
- 5.90 Enter a heavy growth of aspen timber, bears NE. and SW.
- 10.20 Leave timber, bears NE. and SW.
- 13.90 Enter a heavy growth of aspen timber, bears NE. and SW.
- 17.20 Leave timber, bears NE. and SW.
- 17.30 Stream of clear water, 4 lks. wide, 4 ins. deep, in the bottom of a fork of Bob Wright Canyon, course NE.; precipitous ascent of 885 ft. over SE. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S'2 \\ \hline \frac{1}{4} \\ S\ 11 \\ 1927 \end{array}$$
- from which,
- An aspen, 4 ins. diam., bears N.9°15'E., 28 lks. dist., marked $\frac{1}{4}$ S 2 B T.
- An aspen, 4 ins. diam., bears S.24°30'E., 10 lks. dist., marked $\frac{1}{4}$ S 11 B T.
- 40.10 Leave undergrowth, and enter a heavy growth of aspen timber, bears NE. and SW.
- 40.40 Corral Ridge, 45 ft. above $\frac{1}{4}$ sec. cor., bears NE. and SW.; leave timber, bears NE. and SW.; abrupt descent of 510 ft.
- 46.10 Enter dense tall undergrowth, bears NE. and SW.
- 50.50 Enter a medium heavy growth of aspen timber, bears NW. and SE.
- 52.00 Leave timber, bears NW. and SE.
- 67.00 Enter a medium heavy growth of aspen, fir and spruce timber, bears NW. and SE.
- 69.00 Leave timber, bears NW. and SE.
- 69.20 Leave undergrowth, bears NW. and SE.
- 71.50 Enter a heavy growth of aspen, fir and spruce timber and dense tall undergrowth, bears NE. and SW.
- 71.90 Stream of clear water, 3 lks. wide, 2 ins. deep, in the bottom of draw, course NE.; asc. 45 ft.

Survey of the Subdivision of T. 14 S. R. 7 E.

Chains.

- 74.10 Fir and spruce timber becomes scattering, bearing NW. and SE.
- 77.00 Spur, slopes NE. about 3.00 chs. dist.; desc.
- 77.07 Intersect the E. bdy. of sec. 3, south 11.87 chs. dist. from the $\frac{1}{4}$ sec. cor. of sec. 3, hereinbefore described, and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 2 and 11, with brass cap marked:

	T14S
	S2
S3	S11 CC
	R7E

1927

from which,

An aspen, 8 ins. diam., bears N.69°E., 56

lks. dist., marked T 14 S R 7 E S 2 C C B T.

An aspen, 7 ins. diam., bears S.57°30'E., 78

lks. dist., marked T 14 S R 7 E S 11 C C B T.

Land, steep and mountainous, draining NE. into Fob

Tright Canyon; outcroppings of sandstone formation.

Soil, red sand, sandy loam or a dark loam, about 1 to several ft. deep, lying on a clay subsoil or on bed-rock; 1st. and 2nd. rate.

Timber, aspen, Engelmann spruce, Douglas and Alpine fir.

Undergrowth, oak and buck brush, sagebrush, deer browse,

willows, chokecherry, gooseberry and service berry

bushes. young aspen, fir and spruce.

Excellent growth of grass and browse.

Random Lines.

From the cor. of secs. 26, 27, 34 and 35,

West, on a temporary line bet. secs. 27 and 34.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Set temp. cor. for secs. 27, 28, 33 and 34.

From the temp. cor. for secs. 27, 28, 33 and 34, S.0°01'E., on a random line bet. secs. 33 and 34.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.49 Intersect the S. bdy. of the Tp., 8 lks. E. of the cor.

Chains.

of secs. 33 and 34, hereinafter described.

True Lines.

.32 chs.

Commence at the cor. of secs. 33 and 34, on the S. side
of the Tp.

N. 0° 01' W., on a true line bet. secs. 33 and 34.

Over mountainous land, through a medium heavy growth of
aspen timber; asc. gradual SE. slope 45 ft.

2.20 Leave timber, bears NE. and SW.

4.90 Spur, projects northeasterly; abrupt descent of 805 ft.
over general N. slope.

5.80 Enter a heavy growth of aspen and scattering fir and
spruce timber, bears NW. and SE.

11.00 Aspen becomes scattering; enter a heavy growth of fir
and spruce timber, bears NE. and SW.

11.80 Enter dense tall undergrowth of young fir and spruce,
bears NE. and SW.

30.90 Leave fir and spruce, and enter a heavy growth of aspen
timber, bears NE. and SW.

31.00 Leave undergrowth of fir and spruce, and enter dense
growth of deer browse, young aspen and gooseberry
bushes, bears NE. and SW.

31.10 Ravine, drains NE. about 3.00 chs. dist., thence south-
easterly; asc. S. slope 40 ft.

32.70 Spur, slopes E. about 1.50 chs. dist.; desc. 30 ft.

36.10 Stream of clear water, 4 lks. wide, 3 ins. deep, in the
bottom of ravine, course SE.; steep ascent of 115 ft.
to $\frac{1}{2}$ sec. cor.; over SW. slope.

36.20 Leave timber, and enter dense undergrowth of sagebrush,
bears NW. and SE.

38.70 Leave undergrowth, and enter a heavy growth of aspen
timber, bears NE. and SW.

40.49 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked,

N. 10° 0.2

3 35 10 34 1 40 3 2 00.01

3 35 10 34 1 40 3 2 00.01

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

from which,

An aspen, 4 ins. diam., bears S. $46^{\circ}45'E.$, 46
lks. dist., marked $\frac{1}{4}$ S 34 B T.

An aspen, 5 ins. diam., bears N. $58^{\circ}15'W.$, 12
lks. dist., marked $\frac{1}{4}$ S 33 B T.

49.00 Leave timber, and enter a dense growth of sagebrush,
bears NW. and SE.

53.40 Leave sagebrush, and enter a heavy growth of aspen
timber, bears SE. and SW.

62.40 Leave heavy growth of aspen timber, bears NW. and SE.,
and enter scattering.

72.80 Spur, 455 ft. above $\frac{1}{4}$ sec. cor., projects SE. approxi-
mately 40.00 chs. dist.; desc. gradually 10 ft. to

80.49 Intersect E. and W. temporary line, 8 lks. W. of the
temp. cor. for secs. 27, 28, 33 and 34, and at the
point of intersection, set an iron post, 3 ft. long,
2 ins. in diam., 27 ins. in the ground, for cor. of
secs. 27, 28, 33 and 34, with brass cap marked:

T14S	R7E
S28	S27
S33	S34
1927	

from which,

An Alpine fir, 7 ins. diam., bears N. $55^{\circ}15'E.$, 203
lks. dist., marked T 14 S R 7 E S 27 B T.

An aspen, 5 ins. diam., bears S. $70^{\circ}E.$, 271
lks. dist., marked T 14 S R 7 E S 34 B T.

An aspen, 5 ins. diam., bears S. $38^{\circ}30'W.$, 262
lks. dist., marked T 14 S R 7 E S 33 B T.

An Alpine fir, 9 ins. diam., bears N. $49^{\circ}15'W.$, 228
lks. dist., marked T 14 S R 7 E S 28 B T.

Land, mountainous; steep slopes with outcroppings of
sandstone formation; drainage SE. into Nuc Woodward
Canyon.

Soil, sandy loam or a dark mountain loam, varying in
depth from a few ins. to several ft., lying on a clay
subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Engelmann spruce, Douglas and Alpine fir.

Survey of the Subdivision of Township 37 N., Range 7 E.

Chains.

Undergrowth, deer browse, sagebrush, young aspen, fir
and spruce, and gooseberry bushes. ~~Good~~ NA
Excellent grazing land.

From the cor. of secs. 26, 27, 34 and 35,
West, on a true line bet. secs. 27 and 34, on a Sectional
Correction Line.

Over mountainous land, through a heavy growth of fir, spruce
and scattering aspen timber, and scattering
undergrowth; asc. abrupt NE. slope 215 ft.

2.50 Enter a heavy growth of aspen timber, bears NW. and SE.

8.00 Leave timber, bears NW. and SE.

8.20 Leave undergrowth.

8.70 Castle Valley Ridge, bears NW. and SE.; desc. 110 ft. to
the top of spur, across the head of draw, draining SW.

9.20 Trail, bears NW. and SE.

12.00 Enter dense undergrowth, bears NW. and SE.

16.80 Enter a medium heavy growth of aspen timber, bears NW.
and SE.

19.50 Leave timber, bears NE. and SW.

25.50 Spur, projects southwesterly about 25.00 chs. dist.;
desc. abruptly 320 ft. to $\frac{1}{4}$ sec. cor., over NW. slope.

33.00 Leave undergrowth, and enter a heavy growth of aspen
timber, bears NE. and SW.

37.00 Trail, bears NE. and SE.

40.04 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S. 27

$\frac{1}{4}$
S. 34
1927

from which,

An aspen, 5 ins. diam., bears N. 10° 30' E., 14

lks. dist., marked $\frac{1}{4}$ S 27 B T.

An aspen, 5 ins. diam., bears S. 35° E., 12

lks. dist., marked $\frac{1}{4}$ S 34 B T.

48.30 Leave timber, and enter dense undergrowth, bears NW.

and SE.

Survey of the Subdivisions of T. 14 S., R. 7 E.

Chains.

- 50.20 Stream of clear water, 10 lks. wide, 6 ins. deep, in the bottom of Nuc Woodward Canyon, 330 ft. below $\frac{1}{2}$ sec. cor., course S.; precipitous ascent of 685 ft. to sec. cor., over general E. slope.
- 51.30 Trail, bears N.10°W. and S.10°E.
- 52.00 Enter a heavy growth of aspen, fir and spruce timber, bears NW. and SE.; undergrowth becomes more scattering.
- 75.60 Trail, bears NW. and SE.
- 77.50 Leave undergrowth, bears NW. and SE.
- 78.00 Leave timber, bears NW. and SW.
- 80.08 The cor. of secs. 27, 28, 33 and 34:
 Land, mountainous; abrupt slopes with outcroppings of sandstone formation; E. 8.70 chs. drain NE. into First Water Canyon; general drainage to the S. by Nuc Woodward Canyon, remainder of mile.
 Soil, sandy loam or a dark or black mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.
 Timber, aspen, Engelmann spruce, Douglas and Alpine fir.
 Undergrowth, sagebrush; deer browse, gooseberry bushes, willows, young aspen, fir and spruce.
 Excellent growth of grass and browse.
-
- From the cor. of secs. 27; 28, 33 and 34,
 N.0°01'W., on a true line bet. secs. 27 and 28.
 Over mountainous land, through a scattering growth of aspen, fir and spruce timber; desc. gradual NE. slope 125 ft.
- 0.50 Enter a heavy growth of aspen, fir and spruce timber, bears NW. and SE.
- 11.80 Draw, drains easterly; asc. SE. slope 55 ft.
- 17.00 Spur, projects NE. about 15.00 chs. dist.; desc. 275 ft.
- 18.60 Leave heavy growth of aspen timber, and enter scattering, bears NW. and SE.
- 29.00 Stream of clear water, 2 lks. wide, 2 ins. deep, in the bottom of draw, course NE.; asc. 110 ft.

Survey of the Subdivision of T. 14 S. R. 7 E.

Chains.	
29.20	Fir and spruce timber becomes scattering; enter a heavy growth of aspen timber, bears NE. and SW.
34.00	Spur, slopes E. about 5.00 chs. dist.; desc. 45 ft.
36.90	Stream of clear water, 3 lks. wide, 3 ins. deep, in the bottom of ravine, course SE.; asc. SW. slope 125 ft.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor.; with brass cap marked:
	<div style="text-align: center;"> $\frac{1}{4}$ S 28 S 27 1927 </div>
	from which,
	An aspen, 10 ins. diam., bears S.48°30'E., 26 lks. dist., marked $\frac{1}{4}$ S 27 B T.
	An aspen, 6 ins. diam., bears S.85°15'W., 39 lks. dist., marked $\frac{1}{4}$ S 28 B T.
45.60	Leave timber, enter opening, bears NE. and NW.
47.70	Spur, 90 ft. above $\frac{1}{4}$ sec. cor., projects SE. about 30.00 chs. dist.; desc. abrupt general N. slope 455 ft.
48.50	Leave opening, enter a heavy growth of aspen, fir and spruce timber, bears SE. and SW.; enter scattering undergrowth of young fir and spruce.
60.00	Leave aspen timber, bears NW. and SE.
71.00	Leave fir and spruce timber, bears NW. and SE.
71.10	From this point, the W. end of the gable of the roof of a frame house, 14 $\frac{1}{2}$ x 14 ft., in the bottom of Sawmill Canyon, bears S.84°12'E. 16.40 chs. dist.
	Leave fir and spruce undergrowth.
71.50	Stream of clear water, 6 lks. wide, 6 ins. deep, in the bottom of Sawmill Canyon, course S.70°E.; asc. SW. slope 240 ft. to sec. cor.
72.70	Road, bears N.70°W. and S.70°E.
72.80	Enter a scattering growth of sagebrush.
75.00	Leave sagebrush, and enter a heavy growth of aspen timber bears NW. and SE.; enter patches of dense willows.
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 21, 22, 27 and 28,

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

With brass cap marked:

T14S	R7E
S21	S22
S28	S27
1927	

from which,

An aspen, 6 ins. diam., bears N.10°E., 24

lks. dist., marked T 14 S R 7 E S 22 B T.

An aspen; 5 ins. diam., bears S.28°45'E., 13

lks. dist., marked T 14 S R 7 E S 27 B T.

An aspen, 5 ins. diam., bears S.82°30'W., 11

lks. dist., marked T 14 S R 7 E S 28 B T.

An aspen, 6 ins. diam., bears N.53°W., 47

lks. dist., marked T 14 S R 7 E S 21 B T.

Land, mountainous, draining E. and SE. into Nuc Woodward Canyon; outcroppings of sandstone formation.

Soil, sandy loam or a dark or black loam, about 1 to several ft. deep, lying on a clay subsoil or on bed-rock; 1st. and 2nd. rate.

Timber, Engelmann spruce, aspen and Alpine fir.

Undergrowth, young fir and spruce, sagebrush and willows.

Excellent grazing land.

East, on a random line bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.94 Intersect N. and S. line, 10 lks. N. of the cor. of secs. 22, 23, 26 and 27.

Thence,

N.89°56'W., on a true line bet. secs. 22 and 27.

Asc. abruptly 375 ft. along general S. slope, through a heavy growth of aspen timber, and dense undergrowth.

1:80 Leave timber, bears NE. and SW.

5.50 Enter a medium heavy growth of aspen timber, bears NE. and SE.

10:90 Trail, bears NE. and SW.

12.20 Leave timber, bears NE. and SW.

12.50 Leave undergrowth, bears NE. and SW.

Survey of the ...

- Chains.
- 14.00 Lone Pine Tree Ridge, bears N. 60° E. and S. 60° W. 135 ft. to the top of Castle Valley Ridge, across head of a fork of Second Water Canyon, draining NE.
- 16.90 Enter a medium heavy growth of aspen timber, bears NE and SW.
- 19.90 Aspen timber becomes scattering; enter a heavy growth of fir and spruce timber, bears NE and SW.
- 24.60 Enter dense tall undergrowth, bears NE and SW.
- 28.40 Timber becomes more scattering; leave undergrowth, bears NE and SW.
- 31.50 Castle Valley Ridge, bears N. 15° W. and S. 15° E.; desc. general W. slope 95 ft. to $\frac{1}{4}$ sec. cor.
- 33.90 Trail, bears N. 60° E. and S. 60° W.
- 39.97 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S. 22 \\ \frac{1}{4} \\ S. 27 \\ 1927 \end{array}$$

from which,

An aspen, 6 ins. diam., bears N. 56° 30' W., 26

lks. dist., marked $\frac{1}{4}$ S 22 B T.

An aspen, 5 ins. diam., bears S. 82° 45' E., 54

lks. dist., marked $\frac{1}{4}$ S 27 B T.

- 42.30 Enter a heavy growth of aspen timber, bears NW and SE.
- 42.50 Enter dense undergrowth of sagebrush, bears NW and SE.
- 47.30 A spring bears N. 1.60 chs. dist. A stream of clear water, 2 lks. wide, 1 in. deep, drains W. from spring.
- 48.10 Trail, bears NE and SW.
- 55.70 Leave timber, bears NW and SE.
- 58.20 Stream of clear water, 2 lks. wide, 6 ins. deep, in the bottom of Nuc Woodward Canyon, 495 ft. below $\frac{1}{4}$ sec. cor., course S.; asc. NE. slope 210 ft. to $\frac{1}{4}$ sec. cor.
- 59.50 Trail, bears N. and S.
- 58.70 Wagon road in bottom of Nuc Woodward Canyon, bears NW and SE.
- Clear Creek, Utah and S. to Small Canyon.
- 60.00 Enter a heavy growth of aspen, fir and spruce timber, undergrowth, bears NW and SE.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- 66.00 Spur, slopes SE. about 8.00 chs. dist.; desc. 30 ft.
 69.60 Draw, drains S.; asc. NE. slope 110 ft.
 70.50 Trail, bears N. and S.; timber becomes more scattering.
 76.40 Spur, slopes SE. about 7.00 chs. dist.; desc. 15 ft. to
 79.94 The cor. of secs. 21, 22, 27 and 28.

Land, steep and mountainous; sandstone formation; drainage SE. into First Water Canyon and NE. into Second Water Canyon, E. 31.50 chs.; drainage S. by Nuc Woodward Canyon, remainder of mile.

Soil, sandy loam or a dark or black loam, about 1 to several ft. deep, lying on a clay subsoil or on bed-rock; 1st. and 2nd. rate.

Timber, aspen, Alpine fir and Engelmann spruce.

Undergrowth, sagebrush, young aspen, fir and spruce, willows, chokecherry, service berry and gooseberry bushes.

Excellent grazing land.

N. 0° 01' W., bet. secs. 21 and 22.

Asc. SW. slope 195 ft., through a heavy growth of aspen timber, and scattering undergrowth.

- 2.90 Leave timber, bears NW. and SE.; undergrowth becomes dense.
 5.00 Enter a heavy growth of aspen timber, bears NW. and SE.
 8.00 Trail, bears NW. and SE., on top of spur, projecting SE.; desc. NE. slope 85 ft.
 10.30 Enter a heavy growth of fir and spruce timber, bears NW. and SE.
 17.20 Draw, drains E.; asc. 35 ft.
 20.40 Spur, projects E. about 7.00 chs. dist.; desc. 170 ft.
 27.40 Draw, drains SE.; asc. 155 ft.
 36.80 Spur, projects E. about 7.00 chs. dist.; desc. N. slope 25 ft. to $\frac{1}{4}$ sec. cor.; leave undergrowth, bears E. and W.
 37.00 Leave timber, enter opening, bears NW. and NE.
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

Survey of the Subdivision of the ...

Chains.

S 21

S 22

1927

from which,

An aspen, 12 ins. diam., bears S. 33° 45' E., 76

lks. dist., marked $\frac{1}{4}$ S 22 B T.

An aspen, 8 ins. diam., bears S. 86° 15' W., 78

lks. dist., marked $\frac{1}{4}$ S 21 B T.

40.10 Leave opening, enter a heavy growth of fir and spruce, and scattering aspen timber, bears NW. and SE.

47.40 Stream of clear water, 1 lk. wide, 1 in. deep, in bottom of ravine, 165 ft. below $\frac{1}{4}$ sec. cor., course S. 70° E.; asc. S. slope 200 ft.

49.30 Trail, bears E. and W.

51.70 Fir and spruce become scattering; enter a heavy growth of aspen timber, bears NW. and SE.

56.30 Enter a heavy growth of fir and spruce timber, bears NW. and SE.

58.90 Spur, projects E. about 15.00 chs. dist.; desc. 165 ft.

59.70 Leave timber, bears E. and W.

65.30 Stream of clear water, 2 lks. wide, 2 ins. deep, in bottom of ravine, course S. 70° E.; asc. SW. slope 250 ft. to sec. cor.

69.50 Wood or logging road, bears N. 70° W. and S. 70° E.

73.00 Enter a medium heavy growth of aspen, and scattering fir and spruce timber, bears NW. and S. 10° E.

79.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap marked:

T14S	R7E
S16	S15
S21	S22

1927

from which,

An aspen, 6 ins. diam., bears N. 59° 30' E., 75

lks. dist., marked T 14 S R 7 E S 15 B T.

An aspen, 6 lks. diam., bears S. 42° 30' E., 29

lks. dist., marked T 14 S R 7 E S 22 B T.

Survey of the Subdivision of T. 14 S., R. 7 E.

chains.

36 ... An Alpine fir, 6 ins. diam., bears S.53°15'W., 36
lks. dist., marked T 14 S R 7 E S 21 B T.

An Alpine fir, 5 ins. diam., bears N.48°15'W., 21
lks. dist., marked T 14 S R 7 E S 16 B T.

This cor. is located on top of spur, projecting SE.
about 15.00 chs. dist.

Land, mountainous, draining easterly and southeasterly
into Nuc Woodward Canyon, thence S.; sandstone forma-
tion.

Soil, sandy loam or a dark or black loam, varying in
depth from a few ins. to several ft., lying on a clay
subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Alpine fir and Engelmann spruce.

Undergrowth, sagebrush, deer browse, willows, gooseberry
bushes, young aspen, fir and spruce.

Excellent grazing land.

S.89°56'E., on a random line bet. secs. 15 and 22.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

80.00 Intersect N. and S. line, at the cor. of secs. 14, 15,
22 and 23.

Thence,

N.89°56'W., on a true line bet. secs. 15 and 22.

Asc. abrupt SE. slope 265 ft., through a scattering
growth of fir timber, and dense tall undergrowth.

3.70 Leave undergrowth, bears NE. and SW.

3.80 Leave fir, and enter a heavy growth of aspen timber,
bears NE. and SW.

7.20 Leave aspen, and enter a heavy growth of fir and spruce
timber, bears NE. and SW.; enter scattering undergrowth.

-7.80 Spur, projects NE.; desc. 75 ft.

14.20 Head of draw, drains NE.; enter scattering aspen timber;
asc. 145 ft.

20.50 Spur, projects NE. about 20.00 chs. dist.; desc. 75 ft.

30.30 Draw, drains NE.; asc. 130 ft.

34.70 Spur, projects NE. about 8.00 chs. dist.; desc. 10 ft. to

Set on iron post, 3 ft. long, 1 in. dia. above, 1/2 in. dia. below, for 1/2 sec. set, with brass cap marking.

5 22-10 . 241

1927

from which, 1927

A Douglas fir, 8 ins. diam., bears N. 58° 30' E.,

lks. dist., marked 4 S-15 B T. , bal.

A Douglas fir, 5 ins. diam., bears S. 41° E., 32

lks. dist., marked $\frac{1}{4}$ S 22 B T. .nois

41.00 | Fir and spruce become scattering; enter a heavy growth
of aspen timber, bears NE. and SW. and NW.

41.50 Stream of clear water, 1 lk. wide, 1 ln. deep, in the bottom of draw, 10 ft. below $\frac{1}{2}$ sec. con., course NE., asc. steep general E. slope 330 ft., through patches of dense willows.

48.75 Leave patches of willows, bear N. and S. Insects

43.50. Leave timber, bears N. and S.; leave scattering underground

49.60 Castle Valley Ridge, bears N. and S. 15° E.; desc. W.

slope 715 ft.

50.60 Trail, bears N. and S. 00.08

54.00 Enter dense undergrowth, bears N. and S.

58.00 Enter a scattering growth of aspen, fir and spruce timber

61.10 Stream of clear water, 4 lks. wide, 12 ins. deep, in the bottom of Nuc Woodward Canyon, course S.; ase. abrupt NE. slope 330 ft. to sec. cor. 117 12 13 14

62.50 Wagon road in Nuc Woodward Canyon, bears N. to Clear
Creek, Utah, and S. to Sawmill Canyon.

85.40 Enter a heavy growth of aspen, fir and spruce timber,
bears NE. and SW. 100 ft. x 100 ft. x 100 ft. OS.

80.00 The cor. of secs. 15, 16, 21 and 22, T. 20 N., R. 10 E., S. 10 E.,
Land, mountainous with outcroppings of sandstone forma-
tion; drainage NE. into Second Water Canyon; E. 45.00
chs.; W. 30.40 chs. drain to the S. by Bear Woodward
Canyon. June 23, 1902 80.00

Soil, sandy loam or a dark to black sand, about 1 m. or more.

several ft. deep, dipping as against 100 ft. to the west.

Survey of the Subdivision of T. 14 S., R. 7 E.

chains.

rock; 1st. and 2nd. rate.

Timber, aspen, Engelmann spruce, Douglas and Alpine fir.
 Undergrowth, deer browse, sagebrush, oak and buck brush,
 gooseberry, chokecherry and service berry bushes,
 willows, young aspen, fir and spruce.
 Fair to good grazing land.

N.0°01'W., bet. secs. 15 and 16.

Desc. NE. slope 175 ft., through a heavy growth of aspen,
 fir and spruce timber, and scattering undergrowth.

1.10 Leave heavy growth of timber, and enter scattering,
 bears NE. and NW.

8.00 Enter a heavy growth of aspen, fir and spruce timber,
 bears NE. and SW.

11.00 Leave heavy growth of fir and spruce timber, and enter
 scattering, bears NE. and SW.

11.10 Trail, bears NE. and SW., in the bottom of draw, drain-
 ing NE.; asc. S. slope 45 ft.

17.70 Spur, slopes E. about 4.00 chs. dist.; desc. 100 ft.

18.00 Enter a heavy growth of fir and spruce timber, bears NE.
 and SW.; aspen becomes scattering.

24.40 Stream of clear water, 1 lk. wide, 2 ins. deep, in the
 bottom of ravine, course S.70°E.; asc. 245 ft.

24.60 Fir and spruce become scattering; enter a heavy growth
 of aspen timber, bears NE. and SW.

24.80 From this point, the SE. cor. of a log cabin, 18x13 ft.,
 in the bottom of Nuc Woodward Canyon, bears S.81°30'E.
 14.52 chs. dist.; from the NW. cor. of the log cabin,
 a spring of good cold water, bears S.89°30'W. 1.62
 chs. dist.

25.30 Logging road, bears N.15°W. and E.

36.00 Spur, projects S.60°E. about 15.00 chs. dist.; leave
 aspen, enter a heavy growth of fir and spruce timber,
 bears NW. and SE.; desc. NE. slope 75 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

Survey of the Substation of T. S. S. E. R. S.

Chains.

S 16

S 15

1927

from which,

An Engelmann spruce, 10 ins. diam., bears S.21°10'

39 lks. dist., marked $\frac{1}{4}$ S 15 B T.

An Engelmann spruce, 9 ins. diam., bears N.69°30'

30 lks. dist., marked $\frac{1}{4}$ S 16 B T.

44.20 Stream of clear water, 3 lks. wide, 2 ins. deep, in the bottom of ravine, 105 ft. below $\frac{1}{4}$ sec. cor., course S.60°E.; asc. SW. slope 185 ft.

45.50 Leave timber, bears NW. and SE.

46.70 Logging road, bears NW. and SE.

47.00 Enter a heavy growth of aspen, and scattering fir and spruce timber, bears NW. and SE.

67.20 Spur, projects SE. about 15.00 chs. dist.; desc. 95 ft.

74.10 Road, bears NW. to the top of the divide bet. Mud Canyon on the N. and Nuc Woodward Canyon on the S., and SE. to Nuc Woodward Canyon. From this point, the center of a circular corral, 1.40 chs. in diam., and constructed of poles, bears S.75°45'E. 9.50 chs. dist. A circular corral, 1.25 chs. in diam., and constructed of poles, adjoins this corral on the S.

Draw, drains SE.; asc. SW. slope 85 ft. to

80.00 On top of divide, bearing NW. and SE., bet. Snider and Mud Canyons on the N., and Nuc Woodward Canyon on the S., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 9, 10, 15 and 16, with brass cap marked:

T14S	R7E
S9	S10
S16	S15

from which,

An aspen, 8 ins. diam., bears N.71°45'E., 8

lks. dist., marked T 14 S R 7 E S 10 B T.

An Alpine fir, 6 ins. diam., bears S.15°20'E., 8

lks. dist., marked T 14 S R 7 E S 15 B T.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

An Alpine fir, 4 ins. diam., bears S.58°W., 70 lks. dist., marked T 14 S R 7 E S 16 B T.

An Alpine fir, 6 ins. diam., bears N.55°W., 61 lks. dist., marked T 14 S R 7 E S 9 B T.

Land, mountainous, draining SE. into Nuc Woodward Canyon; sandstone formation.

Soil, sandy loam or a dark or black loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Alpine fir and Engelmann spruce.

Undergrowth, deer browse, gooseberry bushes, willows, young aspen, fir and spruce.

Excellent grazing land.

S.89°56'E., on a random line bet. secs. 10 and 15.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.78 Intersect N. and S. line, 16 lks. N. of the cor. of secs. 10, 11, 14 and 15.

Thence,

N.39°49'W., on a true line bet. secs. 10 and 15.

Over mountainous land, through dense tall undergrowth; desc. general S. slope 40 ft.

5.50 Draw, drains SE.; undergrowth becomes scattering; enter a medium heavy growth of aspen timber, bears NW. and SE.; asc. abruptly 315 ft.

10.50 Nearly perpendicular ledge, 15 ft. high, bears N.10°E. and S.10°W.; leave timber, and enter dense tall undergrowth, bears NW. and SE.

11.20 Leave undergrowth, and enter a heavy growth of aspen timber, bears NE. and SW.

13.50 Leave timber, and enter dense tall undergrowth, bears NE. and SW.

14.70 Spur, projects SE. about 10.00 chs. dist.; desc. 15 ft.

21.00 Draw, drains SE.; abrupt ascent of 350 ft.

21.20 Leave undergrowth, and enter a heavy growth of aspen timber, bears NE. and SW.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.	
30.50	Leave timber, bears NW. and SE., and enter dense tall undergrowth.
32.00	Spur, projects SE. approximately 15.00 chs. dist.; desc. SW. slope 40 ft. to
39.89	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	$\begin{array}{r} S\ 10 \\ \hline S\ 15 \\ 1927 \end{array}$
	from which,
	An aspen, 6 ins. diam., bears N.85°15'W., 443 lks. dist., marked $\frac{1}{4}$ S 10 B T.
	An aspen, 10 ins. diam., bears S.5°30'E., 161 lks. dist., marked $\frac{1}{4}$ S 15 B T.
	From this $\frac{1}{4}$ sec. cor., asc. 265 ft. to the top of Castle Valley ridge, across the head of draw, draining SE.
44.80	Leave undergrowth, and enter a heavy growth of aspen timber and willows, bears NE. and SW.
53.70	Leave heavy growth of timber and willows, bears NE. and S.
59.10	Castle Valley Ridge, bears N.10°E. and S.10°W.; desc. general W. slope 135 ft.
60.50	Trail, bears N. and S.
65.00	Enter a medium dense undergrowth, bears NW. and SE.
65.40	Undergrowth becomes scattering; enter a medium heavy growth of aspen timber, bears NW. and SE.
68.10	Trail, bears NE. and SW.
69.60	Wagon road, bears northeasterly to Clear Creek, Utah, and southwesterly to Nuc Woodward Canyon.
70.50	Snider Canyon, drains N.10°W.; aspen becomes scattering; enter a heavy growth of fir and spruce timber, bears NW. and SE.; asc. NE. slope 145 ft. to sec. cor.
77.70	Fir and spruce timber becomes scattering; enter a heavy growth of aspen timber, bears NW. and SE.
79.78	The cor. of secs. 9, 10, 15 and 16. Land, mountainous with outcroppings and ledges of sand-

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

stone formation; drainage SE. to the main fork of Second Water Canyon, E. 59.10 chs.; W. 20.68 chs. drain northwesterly by Snider Canyon.

Soil, sandy loam or a dark loam, about 1 to several ft. deep, lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.

Timber, aspen, Engelmann spruce, Douglas and Alpine fir.

Undergrowth, oak and buck brush, sagebrush, deer browse, willows, chokecherry and service berry bushes.

Good grazing of grass and browse.

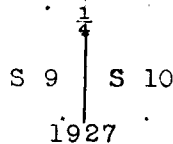
N.0°01'W., on a true line bet. secs. 9 and 10.

Over mountainous land, through a heavy growth of aspen, fir and spruce timber and undergrowth; desc. 595 ft. to $\frac{1}{4}$ sec. cor., along general E. slope.

1.40 Aspen becomes scattering, bearing NW. and SE.

6.50 Enter a heavy growth of aspen timber, bears NW. and SE.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:



from which,

An Alpine fir, 4 ins. diam., bears N.52°30'E., 25

lks. dist., marked $\frac{1}{4}$ S 10 B T.

An Engelmann spruce, 5 ins. diam., bears N.43°15'W.,

50 lks. dist., marked $\frac{1}{4}$ S 9 B T.

46.00 Stream of clear water, 3 lks. wide, 2 ins. deep, in the bottom of Snider Canyon, 50 ft. below $\frac{1}{4}$ sec. cor., course northwesterly; asc. general W. slope 20 ft. to

51.19 Intersect the S. bdy. of sec. 4, west 2.27 chs. dist.

from the cor. of secs. 3 and 4, hereinbefore described,

and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for

closing cor. of secs. 9 and 10, with brass cap marked:

SALES

S9	S10
T148	R7E
CC.	
1927	

An Alpine fir, 7 ins. diam., bears S.23°15'E., 157
lks. dist., marked T 14 S R 7 E S 10 C C B T.

An Alpine fir, 8 ins. diam., bears S.66°W., 32
lks. dist., marked T 14 S R 7 E S 9 C C B T.

Land, general E. slope of Snider Canyon, draining north-
westerly; sandstone formation.

Soil, sandy loam or a dark or black loam, about 1 to several ft. deep, lying on a clay subsoil or on bed-rock; 1st. and 2nd. rate.

Timber, Alpine fir, aspen and Engelmann spruce.

Undergrowth, young aspen, fir and spruce, deer browse, willows, rosebushes, gooseberry and raspberry bushes.

Excellent growth of grass and browse.

From the cor. of secs. 27, 28, 33 and 34,
West, on a temporary line bet. secs. 28 and 33.

80.00	Set temp. cor. for secs. 28, 29, 32 and 33.
-------	---

From the temp. cor. for secs. 28, 29, 32 and 33,
S.0°02'E., on a random line bet. secs. 32 and 33.

80.59 Intersect the S. bdy. of the Tp., 14 lks. E. of the cor.
of secs. 32 and 33, hereinbefore described.

Commence at the cor. of secs. 32 and 33, on the S. bdy.
of the Tp.

From the cor. of secs. 32 and 33, a small spring of good clear water bears N.48°45'E. 2.34 chs. dist. This spring drains into a trough 39 ft. long, constructed of the trunks of three trees.

N. 0° 02' W., on a true line bet. secs. 32 and 33.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- Over mountainous land, through a heavy growth of fir and spruce and scattering aspen timber, and medium dense undergrowth; desc. general NW. slope 30 ft.
- 2.10 Stream of clear water, 1 lk. wide, 1 in. deep, from the above spring, course W.
- 3.20 Leave timber and undergrowth, and enter opening, bears NW. and SE.
- 3.50 Head of ravine, drains NW.; asc. SW. slope 190 ft.
- 8.50 Enter a heavy growth of fir and spruce and scattering aspen timber, bears SE. and SW.
- 15.90 Leave timber, and enter dense undergrowth, bears NW. and SE.
- 21.50 Spur, projects NW.; desc. steep NE. slope 570 ft. to $\frac{1}{4}$ sec. cor.
- 22.30 Enter a heavy growth of fir and spruce timber, bears NW. and SE..
- 40.59 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- S 32 S 33
1927
- from which,
- An Alpine fir, 16 ins. diam., bears N.63°30'E., 40 lks. dist., marked $\frac{1}{4}$ S 33 B T.
- An aspen, 8 ins. diam., bears N.66°30'W., 19 lks. dist., marked $\frac{1}{4}$ S 32 P.T.
- 46.10 Fir and spruce become scattering; enter a heavy growth of aspen timber, bears NW. and SE.
- 46.20 Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, 170 ft. below $\frac{1}{4}$ sec. cor., course N.80°W.; asc. abrupt SE. slope 465 ft.
- 52.80 Leave timber, bears NW. and SE,
- 65.00 Spur, projects SW. about 12.00 chs. dist.; continue ascent of 130 ft. to sec. cor., across the head of draw, draining SW.
- 66.70 Leave undergrowth, and enter a medium heavy growth of aspen timber, bears NE. and SW.

Survey of the Subdivision of T. 24 N. R. 7 E.

Chains.

- 67.20 Trail, bears NW. and SE.
 69.60 Leave timber, and enter opening, bears NW. and SE.
 72.00 Leave opening, and enter a heavy growth of aspen timber, bears NW. and SE.
 79.00 Leave timber, and enter opening, bears NW. and SE.
 80.59 Intersect E. and W. temporary line, 14 lks. W. of the temp. cor. for secs. 28, 29, 32 and 33, and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 28, 29, 32 and 33, with brass cap marked:

T14S	R7E
S29	S28
S32	S33
1927	

From which,

An aspen, 8 ins. diam., bears N.33°30'E., 101

lks. dist., marked T 14 S R 7 E S 28 B T.

An aspen, 10 ins. diam., bears S.59°45'E., 242

lks. dist., marked T 14 S R 7 E S 33 B T.

An aspen, 7 ins. diam., bears S.4°W., 161

lks. dist., marked T 14 S R 7 E S 32 B T.

An Alpine fir, 8 ins. diam., bears N.35°30'W., 168

lks. dist., marked T 14 S R 7 E S 29 B T.

Land, abrupt and mountainous, draining generally to the W. into Huntington Canyon; sandstone formation.

Soil, sandy loam or a dark or black loam, about 1 to several ft. deep, lying on a clay subsoil or on bed-rock; 1st. and 2nd. rate.

Timber, Alpine fir, Engelmann spruce, aspen and Douglas fir.

Undergrowth, sagebrush, deer browse, rosebushes, gooseberry bushes, young aspen, fir and spruce.

Excellent grazing, except in heavy growth of fir and spruce.

From the cor. of secs. 27, 28, 32 and 33, with

West, on a tree line bet. secs. 28 and 33, corner of sec.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

al Correction Line.

- Over mountainous land, through opening in timber; asc. gradual NE. slope 20 ft.
- 3.50 Spur, projects SE.; enter a scattering growth of aspen, fir and spruce timber; desc. SW. slope 150 ft.
- 6.30 Trail, bears N. and S.
- 11.50 Trail, bears NW. and SE.
- 12.40 Enter a medium heavy growth of aspen, fir and spruce timber, bears N. and S.
- 17.60 Trail, bears N.60°W. and S.60°E.
- 20.00 Trail, bears N.80°W. and SE.
- 24.50 Stream of clear water, 1 lk. wide, 1 in. deep, from spring which bears N.15°E. 1.00 chs. dist., course S.
- 28.90 Stream of clear water, 1 lk. wide, 2 ins. deep, in the bottom of ravine, course SE.; asc. 130 ft. to $\frac{1}{4}$ sec. cor., over general NE. slope.
- 34.70 Enter a heavy growth of aspen, fir and spruce timber, bears NW. and SE.
- 40.07 Set an iron post, 2 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- S 28

S 33

1927
- from which,
- An Alpine fir, 4 ins. diam., bears N.41°45'E., 12 lks. dist., marked $\frac{1}{4}$ S 28 B T.
- An Alpine fir, 6 ins. diam., bears S.35°W., 9 lks. dist., marked $\frac{1}{4}$ S 33 B T.
- 45.40 Leave timber, and enter opening, bears NW. and SE.
- 49.30 Leave opening, and enter a heavy growth of fir and spruce timber, bears NE. and SE.
- 49.80 Trail, bears NW. and SE.
- 52.70 Leave fir and spruce timber, bears NW. and SE., and enter scattering aspen timber.
- 52.80 Trail, bears N.15°W. and SE.
- 56.20 Enter dense undergrowth, bears NW. and SE.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- 59.20 Trough Springs Ridge, 285 ft. above $\frac{1}{2}$ sec. cor., bears northwesterly and southeasterly; desc. gradually 10 ft.
- 61.20 Leave undergrowth, bears NE. and SW.
- 66.00 Head of draw, drains S.; a spring of good clear water is located near the head of this draw; asc. 10 ft.
- 68.30 Spur, projects southwesterly; desc. general W. slope 335 ft. to sec. cor.
- 73.40 Enter a heavy growth of aspen timber, bears NE. and SW.
- 76.30 Trail, bears NW. and SE.
- 78.40 Leave timber, and enter opening, bears NW. and SE.
- 80.14 The cor. of secs. 28, 29, 32 and 33.
- Land, mountainous with outcroppings of sandstone formation; drainage E. and SE. into Nuc Woodward Canyon, E. 59.20 chs.; W. 20.94 chs. drain SW. to Huntington Canyon.
- Soil; sandy loam or a dark loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.
- Timber, aspen, Alpine fir and Engelmann spruce.
- Undergrowth, sagebrush, deer browse, gooseberry bushes, young aspen, fir and spruce.
- Excellent grazing land.
-
- From the cor. of secs. 28, 29, 32 and 33,
- N.0°02'W., on a true line bet. secs. 28 and 29.
- Over mountainous land, through scattering undergrowth in opening in timber; asc. SW. slope 65 ft.
- 5.00 Spur, projects N.80°W. about 12.00 chs. dist., thence S.80°W.; leave opening, enter a heavy growth of fir and spruce timber, bears N.80°W. and S.80°E.; desc. general W. slope 285 ft., through dense undergrowth.
- 15.40 Draw, drains NW.; asc. 15 ft.
- 17.00 Spur, slopes NW. about 5.00 chs. dist.; desc. 160 ft.
- 28.00 Leave timber, bears NW. and SE.
- 28.20 Line crosses vein of coal, 10 ft. high, bears NE. and SW.
- 28.40 Stream of clear water, 1'lk. wide, 2 ins. deep, in the

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- bottom of South Hughes Canyon, course southwesterly;
asc. SE. slope 340. ft. to $\frac{1}{4}$ sec. cor.
- 28.50 Enter a medium heavy growth of aspen timber, bears NE.
and SW..
- 29.30 Stream of clear water, 1 lk. wide, 1 in. deep, from
spring which bears N.30°E. 2.50 chs. dist., course SW.
- 36.50 Timber becomes scattering, bearing NW. and SE.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $\frac{1}{4}$
 S 29. | S 28.
 1927
- from which,
- An aspen, 8 ins. diam., bears S.10°30'E., 63
lks. dist., marked $\frac{1}{4}$ S 28 B T.
- An aspen, 10 ins. diam., bears S.87°30'W., 127
lks. dist., marked $\frac{1}{4}$ S 29 B T.
- 43.00 Spur, 35 ft. above $\frac{1}{4}$ sec. cor., projects SW. about 12.00
chs. dist.; desc. 45 ft.
- 44.00 Leave undergrowth, and enter a heavy growth of aspen,
fir and spruce timber, bears NE. and SW.
- 53.00 Head of draw, from SE., drains W.; asc. SW. slope 230 ft.
- 64.70 Leave heavy growth of timber, and enter scattering,
bears N.10°W. and SE.
- 70.50 Stream of clear water, 1 lk. wide, 1 in. deep, from
spring which bears NE. 80 lks. dist., course SW.
- 74.00 Leave timber.
- 78.50 Trough Springs Ridge, bears NW. and SE.; desc. gradual
NE. slope 5 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 20, 21, 28 and 29,
with brass cap marked:

T14S	R7E
S20	S21
S29	S28

1927

from which,

An aspen, 10 ins. diam., bears N.76°45'E., 101

Survey of the Subdivision of the NE 1/4 Sec. 21, T. 28 N., R. 7 E., S. 28 E.

Chains.

1.00 lks. dist., marked T 14 S R 7 E S 28 E. 00.00

An aspen, 7 ins. diam., bears S. 61° 45' E., 24 10

lks. dist., marked T 14 S R 7 E S 28 E. 00.00

An aspen, 16 ins. diam., bears N. 5° W., 4.298

lks. dist., marked T 14 S R 7 E S 28 E. 00.00

As there are no trees available in sec. 21, I

I raise a mound of stone, 2 ft. base, 1 1/2 ft. high, at

of cor. 00.00

Land, mountainous with outcroppings of sandstone forma-

tion; drainage southwesterly into Huntington Canyon,

S. 78.50 chs.; N. 1.50 chs. drain generally NE. into

Sawmill Canyon.

Soil, sandy loam or a dark loam, about 1 to several ft.

deep, lying on a clay subsoil or on bedrock; 1st. and

2nd. rate.

Timber, Alpine fir, Engelmann spruce, aspen and Douglas

fir.

Undergrowth, deer browse, gooseberry bushes, willows,

young aspen, fir and spruce.

Excellent grazing land greater portion of mile.

East, on a random line bet. secs. 21 and 28.

40.00 Set temp. 1/4 sec. cor.

80.16 Intersect N. and S. line, at the cor. of secs. 21, 22,

27 and 28.

Thence,

West, on a true line bet. secs. 21 and 28.

Desc. SW. slope 210 ft., through a heavy growth of aspen

timber and scattering willows.

5.80 A small spring bears N. 30° E. 4.00 chs. dist.

10.80 Leave timber, bears NW. and SE.

12.00 Trail, bears NW. and SE.; leave undergrowth,

12.90 Wagon or logging road, bears NW. and SE.

13.30 Stream of clear water, 4 lks. wide, 8 ins. deep, in the

bottom of Sawmill Canyon, course SE. 1/2 S. 1/2 E. slope

195 ft.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- 13.70 Enter a heavy growth of fir and spruce timber and undergrowth, bears NW. and SE.
- 24.80 Spur, slopes NE. about 7.00 chs. dist.; desc. 90 ft.
- 35.80 Stream of clear water, 3 lks. wide, 2 ins. deep, in the bottom of a fork of Sawmill Canyon, course NE.; asc. general SE. slope 85 ft. to $\frac{1}{2}$ sec. cor.
- 36.00 Enter a heavy growth of aspen timber, bears NE. and SW.
- 40.08 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor.; with brass cap marked:
- S 21

S 28

1927
- from which,
- An Alpine fir, 6 ins. diam., bears N.73°W., 27 lks. dist., marked $\frac{1}{2}$ S 21 B T.
- An Alpine fir, 5 ins. diam., bears S.14°15'E., 3 lks. dist., marked $\frac{1}{2}$ S 28 B T.
- 50.30 Top of ascent, 85 ft. above $\frac{1}{2}$ sec. cor., bears NE. and NW.; desc. SW. slope 85 ft.
- 52.40 Leave timber, enter opening, bears NE. and SW.
- 56.70 Leave opening, enter a heavy growth of aspen, fir and spruce timber, bears NE. and SE.
- 58.90 Draw, drains S.; asc. NE. slope 445 ft. to sec. cor.
- 59.10 Logging road, bears N. and S.
- 76.30 Leave timber and undergrowth, and enter opening, bears NW. and S.
- 76.50 Trail, bears N. and S.
- 78.50 Leave opening, enter medium heavy aspen timber, bears NE. and SE.
- 79.70 Leave timber, enter opening, bears NE. and SE.
- 80.16 The cor. of secs. 20, 21, 28 and 29.
- Land, mountainous, draining NE. and SW. into Sawmill Canyon, thence SE.; sandstone outcroppings.
- Soil, sandy loam or a dark or black loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.

Survey of the Subdivision of T. 14 N. R. 7 E.

Chains.		English
	Timber, aspen, Alpine fir and Engelmann spruce,	07.51
	Undergrowth, deer browse, willows, gooseberry bushes, young aspen, fir and spruce.	08.48
	Good grazing land greater portion of mile.	09.53
<hr/>		
	N.0°02'W., bet. secs. 20 and 21.	
	Over mountainous land, through scattering undergrowth; asc. 10 ft. to the top of spur, across the head of draw, draining E.	
1.20	Spur, projects N.70°E. approximately 25.00 chs. dist.; desc. 70 ft.	
3.20	Enter a heavy growth of aspen, fir and spruce timber, bears SE. and W.	
6.00	Leave heavy growth of aspen, fir and spruce timber, bears NE. and SW., and enter scattering aspen timber.	
9.00	Draw, drains NE.; asc. 35 ft.	
16.00	Spur, projects N.60°E. about 30.00 chs. dist.; desc. NE. slope 285 ft. to $\frac{1}{4}$ sec. cor.	
16.50	Leave aspen, and enter a heavy growth of fir and spruce timber, bears NE. and SW.	
23.70	Dry wash, 12 lks. wide, 6 ft. deep, drains NE.	
30.50	Stream of clear water, 2 lks. wide, 1 in. deep, from spring which bears west 2.27 chs. dist., course E.	
31.20	Stream of clear water, 2 lks. wide, 2 ins. deep, from spring which bears west 2.36 chs. dist., course E.	
33.90	Stream of clear water, 2 lks. wide, 1 in. deep, from spring which bears S.15°W. 3.00 chs. dist., course NE.	
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:	
	$\frac{1}{4}$ S 20 | S 21 1927	

from which,

An Alpine fir, 10 ins. diam., bears N.26°45'E., 29
lks. dist., marked $\frac{1}{4}$ S 21 B T.

An Alpine fir, 7 ins. diam., bears S.27°30'W., 6

T. 14 S. R. 7 E. Subdivision (O.C.T. 14 S. R. 7 E.)

- From this $\frac{1}{2}$ sec. cor., the SE. cor. of a sheep dipping corral, 110 X 96 ft., constructed of lumber, bears N. 88° 31' E. 5.01 chs. dist.
- 42.50, Leave timber, bears E. and W.
- 48.00, Stream of clear water, 2 lks. wide, 2 ins. deep, in the bottom of Sawmill Canyon, 55 ft. below $\frac{1}{2}$ sec. cor., course E.; asc. SE. slope 70 ft.
- 51.50, Enter a medium heavy growth of aspen, fir and spruce timber, bears SE. and SW.
- 57.60, Road, bears N. 25° E. to the road in Nuc Woodward Canyon, and S. 25° W. to the top of Trough Springs Ridge.
- 58.00, Main ridge or divide, bet. Mud Creek Canyon or Pleasant Valley Creek drainage on the N., and Nuc Woodward Canyon drainage on the S., bears NE. and SW.; desc. NW. slope 135 ft.
- 62.10, Road, bears N. 30° W. to Clear Creek, Utah, and S. 30° E. to the road on top of the above main divide.
- 62.50, Leave aspen timber, bears NE. and SW.
- 68.00, Head of the main fork of Mud Creek Canyon, drains NW.; asc. 20 ft.
- 72.70, Spur, slopes NW. about 3.00 chs. dist.; desc. NW. slope 40 ft. to
- 80.00, Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 16, 17, 20 and 21,
- | | |
|------|-----|
| T14S | R7E |
| S17 | S16 |
| SEC | S21 |
| 1927 | |
- from which,
- An Alpine fir, 7 ins. diam., bears N. 71° 30' E., 44 lks. dist., marked T 14 S R 7 E S 16 B T.
- An Alpine fir, 9 ins. diam., bears S. 52° 45' E., 22 lks. dist., marked T 14 S R 7 E S 21 B T.
- An Engelmann spruce, 8 ins. diam., bears S. 66° 45' W., 63 lks. dist., marked T 14 S R 7 E S 20 B T.
- An Alpine fir, 7 ins. diam., bears N. 17° 15' W., 34 lks. dist., marked T 14 S R 7 E S 17 B T.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

Land, mountainous with outcroppings of sandstone formation; drainage generally to the SE. by Sawmill Canyon, S. 58.00 chs.; N. 22.00 chs. drain northwesterly by Mud Creek Canyon.

Soil, sandy loam or a dark mountain loam, about 1 to several ft. deep, lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.

Timber, Alpine fir, Engelmann spruce and aspen.

Undergrowth, deer browse, young aspen, fir and spruce; willows and gooseberry bushes.

Excellent grazing land.

East, on a random line bet. secs. 16 and 21.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

30.22 Intersect N. and S. line, at the cor. of secs. 15, 16, 21 and 22.

Thence,

West, on a true line bet. secs. 16 and 21.

Along nearly level top of spur, through a heavy growth of aspen and scattering fir and spruce timber, and scattering undergrowth.

25.00 Head of ravine, 15 ft. below cor. of secs. 15, 16, 21 and 22, drains southeasterly; continue along the top of the spur to the $\frac{1}{4}$ sec. cor.

28.00 Leave heavy growth of aspen timber, and enter scattering bears NW. and SE.

30.00 Trail, bears NW. and SE.

33.20 A salt lick bears N. 100 lks. dist.

37.30 Logging road, bears NW. and SE.

40.11 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 16

S 21

1927

from which,

An Alpine fir, 5 ins. diam., bears N. 25° 45' W., 70 lks. dist., marked $\frac{1}{4}$ S 16 B T.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

An Alpine fir, 10 ins. diam., bears S.82°W., 50
lks. dist., marked $\frac{1}{2}$ S 21 B T.

This cor. stands 40 ft. above the head of ravine.

48.00 Leave top of spur, bears N.80°E. and S.80°W.; desc.
gradual NW. slope 15 ft.

48.70 Logging road, bears N.25°E. and S.25°W.

49.10 Bottom of descent, bears NE. and SW.; asc. 15 ft.

Enter a heavy growth of aspen, fir and spruce timber,
bears NE. and SW.

59.50 Main ridge or divide bet. Mud Creek Canyon or Pleasant
Valley Creek drainage on the N., and Nuc Woodward
Canyon drainage on the S., bears NE. and SW.; desc.
NW. slope 250 ft. to sec. cor.

59.60 Road, bears NE. to Nuc Woodward Canyon and SW. to Clear
Creek, Utah, and to the top of Trough Springs Ridge.

60.00 Leave heavy growth of aspen timber, and enter scattering,
bears NE. and SW.

80.22 The cor. of secs. 16, 17, 20 and 21.

Land, mountainous; sandstone formation; drainage easterly
and southeasterly into Nuc Woodward Canyon, E. 59.50
chs.; remainder of mile drains W. into Mud Creek Canyon.

Soil, sandy loam or a dark mountain loam, about 1 to
several ft. deep, lying on a clay subsoil or on bed-
rock; 1st. and 2nd. rate.

Timber, Alpine fir, aspen and Engelmann spruce.

Undergrowth, deer browse, young aspen, fir and spruce.

Excellent grazing land, E. 60.00 chs.

N.0°02'W., bet. secs. 16 and 17.

Desc. general NW. slope 70 ft., through a heavy growth
of fir, spruce and scattering aspen timber, and scat-
tering undergrowth.

5.00 Draw, drains W.; asc. 25 ft.

10.00 Spur, slopes W. about 6.00 chs. dist.; desc. 290 ft.

34.40 Enter a medium heavy growth of aspen, fir and spruce
timber, bears NE. and SW.

Survey of the Subdivision of TALLER, V. E.

Chains.

- 34.60 Enter dense undergrowth, bears NE. and SW.
- 34.70 Stream of clear water, 4 lks. wide, 3 ins. deep, in the bottom of Mud Creek Canyon, course NE.; asc. S. slope 120 ft. to $\frac{1}{4}$ sec. cor.
- 37.60 Road, bears NE. to Clear Creek, Utah, and SW. to the top of the main divide bet. Mud Creek Canyon or Pleasant Valley Creek drainage on the N., and Nuc Woodward Canyon drainage on the S. Fir and spruce become scattering.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $\frac{1}{4}$
 S 17 | S 16
 1927
- from which,
- An Alpine fir, 8 ins. diam., bears N.79°45'E., 69 lks. dist., marked $\frac{1}{4}$ S 16 B T.
- An Alpine fir, 10 ins. diam., bears S.20°30'W., 36 lks. dist., marked $\frac{1}{4}$ S 17 B T.
- 49.00 Spur, 120 ft. above $\frac{1}{4}$ sec. cor., slopes E. about 15.00 chs. dist.; desc. abrupt N. slope 310 ft.
- 58.00 Leave aspen, and enter a heavy growth of fir and spruce timber, bears NW. and SE.
- 65.70 Line crosses a small spring of good clear water, course NE.
- 66.70 Logging road, bears N.70°W. and S.70°E.
- 66.80 Fir and spruce become scattering; enter a medium heavy growth of aspen timber, bears NW. and SE.
- 67.00 Stream of clear water, 4 lks. wide, 4 ins. deep, in the bottom of a fork of Mud Creek Canyon, course S.70°E.; asc. S. slope 285 ft.
- 78.10 Spur, projects E. about 8.00 chs. dist., then forks NE. and SE.; desc. steep N. slope 30 ft. to
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 8, 9, 16 and 17, with brass cap marked:

T14S R7E

S8 S9

S17 S16

1927

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

from which,

An Engelmann spruce, 9 ins. diam., bears N.71°45'E.,

60 lks. dist., marked T 14 S R 7 E S 9 B T.

An Alpine fir, 8 ins. diam., bears S.21°15'E., 30

lks. dist., marked T 14 S R 7 E S 16 B T.

An Alpine fir, 5 ins. diam., bears S.21°W., 24

lks. dist., marked T 14 S R 7 E S 17 B T.

An Engelmann spruce, 7 ins. diam., bears N.66°30'W.,

107 lks. dist., marked T 14 S R 7 E S 8 B T.

Land, mountainous, draining generally to the N. by Mud Creek Canyon; sandstone formation.

Soil, sandy loam or a dark or black loam, varying in depth from about 18 ins. to several ft., lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Alpine fir and Engelmann spruce.

Undergrowth, deer browse, willows, gooseberry bushes, young aspen, fir and spruce.

Good grazing land, greater portion of mile.

East, on a random line bet. secs. 9 and 16.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.30 Intersect N. and S. line, 5 lks. N. of the cor. of secs. 9, 10, 15 and 16.

Thence,

N.89°58'W., on a true line bet. secs. 9 and 16.

Over mountainous land, through a heavy growth of aspen and scattering fir and spruce timber, and medium dense undergrowth; desc. gradual SW. slope 10 ft.

7.50 Road, bears NW. to the top of the divide bet. Mud Creek Canyon or Pleasant Valley Creek drainage on the N., and Nuc Woodward Canyon drainage on the S., and SE. to Nuc Woodward Canyon.

7.70 Draw, drains SE.; asc. gradually 10 ft.

14.00 Main divide bet. Mud Creek Canyon or Pleasant Valley Creek drainage on the N., and Nuc Woodward Canyon

drainage on the S., bears NE. and SW.; desc. abruptly

Survey of the Subdivision of T. 44 N. 3. E. R. 7. 7. E.

Chains.	
	395 ft., over NW. slope.
14.20	Same road as noted at 7.50 chs., bears NE. and SW.
25.00	Leave fir and spruce timber.
35.70	Draw, drains SW.; asc. SE. slope 35 ft. to
40.15	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	$\begin{array}{r} S\ 9 \\ \frac{1}{4} \\ S\ 16 \\ 1927. \end{array}$
	from which,
	An aspen, 7 ins. diam., bears N.13°W., 23
	lks. dist., marked $\frac{1}{4}$ S 9 B T.
	An aspen, 6 ins. diam., bears S.69°30'E., 22
	lks. dist., marked $\frac{1}{4}$ S 16 B T.
40.50	Spur, 5 ft. above $\frac{1}{4}$ sec. cor., projects SW. about 8.00 chs. dist.; precipitous descent of 395 ft. over NW. slope.
52.90	Road, bears N.15°W. to Clear Creek, Utah, and S.15°E. to the tops of the main divides and to Nuc Woodward Canyon.
53.00	Enter a heavy growth of fir and spruce timber, bears NW. and SE.
54.70	Stream of clear water, 8 lks. wide, 4 ins. deep, in the bottom of Mud Creek Canyon, course N.15°W.; steep ascent of 515 ft. over general E. slope.
58.70	Logging road, bears N.15°W. and S.15°E.
72.10	Spur, projects NE. about 10.00 chs. dist.; leave aspen timber, bears NE. and SW.; desc. along general N. slope 55 ft. to
80.30	The cor. of secs. 8, 9, 16 and 17.
	Land, mountainous; abrupt slopes with outcroppings of sandstone formation; drainage SE. into Nuc Woodward Canyon, E. 14.00 chs.; W. 66.30 chs. drain generally to the N. by Mud Creek Canyon.
	Soil, sandy loam or a dark loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.
	Timber, aspen, Engelmann spruce and Alpine fir.

Survey of the Subdivision of T. 14 S. R. 7 E.

Chains.

Undergrowth, deer browse, willows, young aspen, fir and spruce, gooseberry and chokecherry bushes.

Excellent grazing land, E. 72.10 chs.

N.0°02'W., on a true line bet. secs. 8 and 9.

Over mountainous land, through a medium heavy growth of fir, spruce and scattering aspen timber, and medium dense undergrowth; desc. abrupt N. slope 405 ft.

1.90 Logging road, bears N.80°E. and S.80°W.

13.10 Logging road, bears E. and W.

13.20 Fir and spruce timber becomes scattering, bearing NE. and NW.

14.90 Stream of clear water, 4 lks. wide, 3 ins. deep, in the bottom of a fork of Mud Creek Canyon, course N.80°E.; asc. S. slope 200 ft.

15.40 Logging road, bears N.80°E. and S.80°W.

16.10 Enter a heavy growth of aspen and scattering fir and spruce timber, bears NE. and SW.

25.20 Spur, projects E. about 12.00 chs. dist.; desc. 155 ft. to $\frac{1}{4}$ sec. cor., across the head of draw, draining NE.

35.60 Leave undergrowth, enter a patch of dense tall willows, bears NE. and SW.; timber becomes scattering.

39.00 Leave patch of willows, and enter a medium heavy growth of aspen, fir and spruce timber and undergrowth, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 8 | S 9
 1927

from which,

An aspen, 4 ins. diam., bears S.67°15'E., 31 lks. dist., marked $\frac{1}{4}$ S 9 B T.

An aspen, 7 ins. diam., bears N.41°15'W., 26 lks. dist., marked $\frac{1}{4}$ S 8 B T.

41.60 Spur, 10 ft. below $\frac{1}{4}$ sec. cor., projects N.15°E.; desc.

Survey of the Subdivision of T. 14 S. R. 7 E.

Chains.

- 110 ft. to closing sec. cor., along NW. slope.
- 42.30 Logging road, bears N.20°E. and S.20°W.
- 47.50 Same road, bears NW. and SE.
- 51.01 Intersect the S. bdy. of sec. 5, N.89°58'W. 3.11 chs.
dist. from the cor. of secs. 4 and 5, hereinbefore de-
scribed, and at the point of intersection, set an iron
post, 3 ft. long, 2 ins. in diam., 27 ins. in the
ground, for closing cor. of secs. 8 and 9, with brass
cap marked:

S5	
S8	S9
T14S	R7E
CC	
1927	

from which,

An Alpine fir, 5 ins. diam., bears S.19°E., 37
lks. dist., marked T 14 S R 7 E S 9 C C B T.

An Alpine fir, 4 ins. diam., bears S.54°W., 8
lks. dist., marked T 14 S R 7 E S 8 C C B T.

Land, mountainous; sandstone formation; drainage NE. into
Hud Creek Canyon, S. 41.60 chs.; N. 9.41 chs. drain N.
into Long Canyon.

Soil, dark sandy loam or a black loam, varying in depth
from about 18 ins. to several ft., lying on a clay
subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Engelmann spruce and Alpine fir.

Undergrowth, deer browse, willows, young aspen, fir and
spruce, gooseberry and chokecherry bushes.

Excellent growth of grass and browse.

Random Lines.

From the cor. of secs. 28, 29, 32 and 33,
West, on a temporary line bet. secs. 29 and 32.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.00 Set temp. cor. for secs. 29, 30, 31 and 32.

From the temp. cor. for secs. 29, 30, 31 and 32,
S.0°03'E., on a random line bet. secs. 31 and 32.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

Survey of the Subdivision of T. 14 S. R. 7 E.

Chains.

80.86 Intersect the S. bdy. of the Tp., 8 lks. W. of the cor. of secs. 31 and 32, hereinbefore described.

True Lines.

Commence at the cor. of secs. 31 and 32, on the S. bdy. of the Tp.

N.0°03'W., on a true line bet. secs. 31 and 32.

Asc. 235 ft. along SW. slope, through a heavy growth of aspen and scattering fir and spruce timber, and scattering undergrowth.

18.20 Leave timber, bears NE. and NW.; enter dense undergrowth.

20.60 Spur, slopes NW. about 5.00 chs. dist.; enter a heavy growth of fir, spruce and scattering aspen timber, bears NW. and SE.; abrupt descent of 165 ft. over NE. slope.

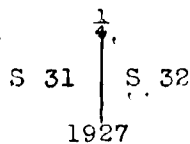
25.30 Leave fir and spruce timber, bears E. and W.

26.30 Ravine, drains S.80°W.; asc. precipitous SE. slope 200 ft.

28.00 Leave undergrowth, enter a heavy growth of aspen, fir and spruce timber, bears E. and W.

37.50 Spur, projects SW. approximately 10.00 chs. dist.; timber becomes scattering, enter dense undergrowth, bears NE. and SW.; asc. 85 ft. to $\frac{1}{4}$ sec. cor., over draws and spurs, putting W.

40.86 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:



from which,

An aspen, 6 ins. diam., bears S.64°30'E., 32 lks. dist., marked $\frac{1}{4}$ S 32 B T.

A Douglas fir, 6 ins. diam., bears N.56°30'W., 69 lks. dist., marked $\frac{1}{4}$ S 31 B T.

44.50 Enter a medium heavy growth of fir and pine timber, bears NW. and SE.

51.00 Leave fir, pine and spruce, and enter a heavy growth of aspen timber, bears NW. and SE.

Survey of the Subdivision of T. 14 S. R. 7 E.

Chains.	
60.50	Leave timber, bears NE. and SW. 38.06
63.70	Undergrowth becomes scattering; enter a heavy growth of aspen and scattering fir and spruce timber, bears NW. and SE:
68.70	Spur, 520 ft. above $\frac{1}{4}$ sec. cor., projects northwesterly; desc. 150 ft.
71.00	Trail, bears N.80°E. and S.80°W.
71.20	Aspen becomes scattering; enter a heavy growth of fir and spruce timber, bears NW. and SE.
75.90	Draw, drains NW.; asc. 10 ft.
77.00	Spur, slopes NW. about 3.00 chs. dist.; desc. general NW. slope 35 ft. to
80.86	Intersect E. and W. temporary line, 8 lks. E. of the temp. cor. for secs. 29, 30, 31 and 32; and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 29, 30, 31 and 32, with brass cap marked:

T14S	R7E
S30	S29
S31	S32
1927	

from which,

An Alpine fir, 4 ins. diam., bears N.34°45'E., 13 lks. dist., marked T 14 S R 7 E S 29 B T.

An Alpine fir, 6 ins. diam., bears S.40°30'E., 31 lks. dist., marked T 14 S R 7 E S 32 B T.

An Alpine fir, 5 ins. diam., bears S.4°45'W., 11 lks. dist., marked T 14 S R 7 E S 31 B T.

An Alpine fir, 6 ins. diam., bears N.75°15'W., 7 lks. dist., marked T 14 S R 7 E S 30 B T.

Land, steep and mountainous, draining generally SW. into Huntington Canyon; outcroppings of sandstone formation. Soil, sandy loam or a dark mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.

Timber, aspen, Alpine and Douglas fir, Engelmann spruce, blue spruce and limber pine.

Undergrowth, deer browse, sagebrush, willows, gooseberry

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

bushes, young aspen, fir and spruce.

Good grazing land on portions of mile.

From the cor. of secs. 28, 29, 32 and 33,

West, on a true line bet. secs. 29 and 32, on a Sectional Correction Line.

Desc. general W. slope 175 ft., through opening in timber.

6.30 Enter a heavy growth of aspen timber, bears NE. and SE.

6.50 Head of draw, drains SW.; asc. SE. slope 15 ft.

10.30 Leave heavy growth of aspen timber, and enter scattering bears NE. and SW.

23.00 Spur, projects SW. about 20.00 chs. dist.; desc. 180 ft. to $\frac{1}{4}$ sec. cor., along general S. slope.

30.60 Enter a medium heavy growth of aspen timber, bears N. and S.

39.96 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 29

S 32

1927

from which,

An aspen, 10 ins. diam., bears N. 62° W., 50

lks. dist., marked $\frac{1}{4}$ S 29 P T.

An aspen, 12 ins. diam., bears S. 57° 15' E., 68

lks. dist., marked $\frac{1}{4}$ S 32 P T.

40.80 Draw, 10 ft. below $\frac{1}{4}$ sec. cor., drains S.; asc. SE. slope 235 ft.

51.10 Leave timber, bears NE. and SW.

52.80 Spur, projects SW.; desc. abrupt general NW. slope 725 ft. to sec. cor.

57.60 Enter a heavy growth of aspen, fir and spruce timber, and scattering undergrowth, bears NE. and SW.

79.92 The cor. of secs. 29, 30, 31 and 32.

Land, abrupt and mountainous, draining generally to the SW. into Huntington Canyon; sandstone formation.

Survey of the Subdivision of T. 14 S. R. 7 E.

Chains.

Soil, sandy loam or a dark mountain loam, about 18 ins. to several ft. deep, lying on a clay subsoil or on bed rock; 1st. and 2nd. rate.

Timber, aspen, Alpine fir and Engelmann spruce.

Undergrowth, deer browse, gooseberry bushes, young aspen, fir and spruce.

Excellent grazing land, E. 52.80 chs.

From the cor. of secs. 29, 30, 31 and 32, West, on a true line bet. secs. 30 and 31, on a Sectional Correction Line.

Over mountainous land, through a heavy growth of fir, spruce and scattering aspen timber, and medium dense undergrowth; desc. steep NW. slope 250 ft.

8.00 Draw, drains NW.; asc. 30 ft.

11.80 Spur, slopes NW. about 10.00 chs. dist.; desc. precipitous general N. slope 395 ft.

32.60 Leave timber, bears NE. and SW.

32.80 Leave undergrowth, bears N.70°E. and S.70°W., at the base of descent, bearing N.70°E. and S.70°W.; over nearly level bottom of Huntington Canyon, at the mouth of South Hughes Canyon.

38.00 Enter dense undergrowth, bears NE. and SW.

39.90 A well traveled auto or wagon road, bears N.15°E. to Mount Pleasant, Utah, and S. to Huntington, Utah.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 30

S 31
1927

from which,

A blue spruce, 6 ins. diam., bears N.81°W., 73 lks. dist., marked $\frac{1}{4}$ S 30 B T.

A blue spruce, 8 ins. diam., bears S.49°W., 172 lks. dist., marked $\frac{1}{4}$ S 31 B T.

42.10 Huntington Creek, clear water, 20 lks. wide, 12 ins. deep, course S.20°W.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- 42.70 Leave bottom of canyon, bears N.20°E. and S.20°W.; begin precipitous ascent of 1080 ft., over SE. slope.
- 43.00 Enter a heavy growth of aspen, and scattering fir and spruce timber, bears NE. and SW.
- 70.60 Aspen becomes scattering; enter a heavy growth of fir and spruce timber, bears NE. and SW.
- 79.00 Spur, projects NE. approximately 30.00 chs. dist.; desc. general NE. slope 35 ft. to
- 76.75 Intersect the W. bdy. of the Tp., S.0°17'W. 9.55 chs. dist. from the $\frac{1}{4}$ sec. cor. of sec. 25, T. 14 S., R. 6 E., hereinbefore described, and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 30 and 31, T. 14 S., R. 7 E., with brass cap marked:

T14S	T14S
R6E	S30CC
S25	S31
	R7E
	1927

from which,

An Alpine fir, 10 ins. diam., bears N.9°E., 37 lks. dist., marked T 14 S R 7 E S 30 C C B T.

An Alpine fir, 7 ins. diam., bears S.18°30'E., 16 lks. dist., marked T 14 S R 7 E S 31 C C B T.

Land, mountainous; abrupt slopes with outcroppings of sandstone formation; general drainage to the SE. by Huntington Canyon.

Soil, dark sandy loam or a black loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.

Timber, Alpine and Douglas fir, Engelmann spruce, aspen and blue spruce.

Undergrowth, deer browse, young aspen, fir and spruce, sagebrush, willows, gooseberry bushes and rosebushes.

Good grazing land, W. 43.95 chs.

From the cor. of secs. 29, 30, 31 and 32,
N.0°03'W., on a true line bet. secs. 29 and 30.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.	
	Over mountainous land, through a heavy growth of fir and spruce and scattering aspen timber, and medium dense undergrowth; desc. abruptly 175 ft., over general NW slope.
6.10	Draw, drains NW.; asc. 10 ft.
6.80	Spur, slopes NW. about 5.00 chs. dist.; desc. 160 ft.
18.10	Stream of clear water, 4 lks. wide, 4 ins. deep, in the bottom of South Hughes Canyon, course southwesterly; asc. steep SE, slope 455 ft.
20.80	Leave fir and spruce, enter a heavy growth of aspen timber, bears NE. and SW.
28.70	Small stream of clear water from spring which bears about N. 60° W. 70 lks. dist., course SE.
35.00	Spur, slopes SE. about 3.00 chs. dist.; asc. 155 ft. to $\frac{1}{4}$ sec. cor., across the head of draw, draining SE.
35.60	Small stream of clear water from spring which bears W. 1.00 chs. dist., course E.
37.70	Small stream of clear water from spring which bears about N. 30° W. 2.00 chs. dist., in the head of the draw, course SE.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 16 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base, $1\frac{1}{2}$ ft. high, for $\frac{1}{4}$ sec. cor., with brass cap marked: <div style="text-align: center;"> <p>S 30 S 29</p> <p>1927</p> </div> <p>from which,</p> <p>An aspen, 4 ins. diam., bears S. 77° E., 12 lks. dist., marked $\frac{1}{4}$ S 29 B. T.</p> <p>An aspen, 4 ins. diam., bears N. 80° 30' W., 12 lks. dist., marked $\frac{1}{4}$ S 30 B. T.</p>
40.30	Perpendicular ledge, 30 ft. high, bears N. 70° E. and S. 70° W.
41.50	Leave timber, and enter dense undergrowth, bears E. and W.
43.60	Enter a medium heavy growth of aspen timber, bears NW. and SE.

Survey of the Subdivision of T. 14 S. R. 7 E.

Chains.

- 46.70 Spur, 315 ft. above $\frac{1}{4}$ sec. cor., projects SE. about 20.00 chs. dist.; desc. 20 ft.
- 53.00 Head of draw; drains SE.; asc. 50 ft.
- 57.20 Spur, slopes SE. about 4.00 chs. dist.; asc. 225 ft. to the top of spur, across the head of draw, draining SE.
- 60.20 Trail, bears NE. and SW.
- 60.70 Leave timber and undergrowth, and enter opening, bears NE. and SW.
- 68.30 Spur, projects S.60°W. about 10.00 chs. dist., then forks northwesterly and southwesterly; enter a heavy growth of aspen, fir and spruce timber, and scattering undergrowth, bears NE. and SW.; desc. NW: slope 170 ft. to sec. cor.
- 76.00 Fir and spruce timber becomes scattering, bearing NE. and SW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs: 19, 20, 29 and 30; with brass cap marked:

T14S	R7E
S19	S20
S30	S29
1927	

from which,

An aspen, 10 ins. diam., bears N.54°15'E., 38 lks. dist., marked T 14 S R 7 E S 20 B T.

An Alpine fir, 6 ins. diam., bears S.24°E., 69 lks. dist., marked T 14 S R 7 E S 29 B T.

An Alpine fir, 4 ins. diam., bears S.43°W., 57 lks. dist., marked T 14 S R 7 E S 30 B T.

An Alpine fir, 5 ins. diam., bears N.9°W., 18 lks. dist., marked T 14 S R 7 E S 19 B T.

Land, abrupt slopes of the forks of Hughes Canyons, draining generally to the SW.; sandstone formation.

Soil, dark sandy loam or a black loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Alpine and Douglas fir, Engelmann spruce and blue spruce.

Survey of the Subdivision of T. 14-S. 2-R. 7-E.

Chains.		
	Undergrowth, deer browse, sagebrush, young aspen, fir and spruce, willows and service berry bushes.	
	Good grazing of grass and browse, N. 61.90 chs.	00.32
	East, on a random line bet. secs. 20 and 29.	
40.00	Set temp. $\frac{1}{4}$ sec. cor.	00.09
79.84	Intersect N. and S. line, 5 lks. N. of the cor. of secs. 20, 21, 28 and 29.	
	Thence,	
	N. 89° 58' W., on a true line bet. secs. 20 and 29.	
	Over mountainous land, through scattering undergrowth; asc. abrupt NE. slope 150 ft.	
9.00	Trough Springs Ridge, bears N. 20° W. and S. 60° E.; steep descent of 595 ft., over general W. slope.	00.37
10.00	At this point, a spur from Trough Springs Ridge, projects S. 30° W. approximately 50.00 chs. dist.,	00.10
16.00	Trail, bears N. 20° W. and S. 20° E.	
19.70	Enter a heavy growth of aspen, and scattering fir and spruce timber, bears NE. and SW.	
36.40	Draw, drains SW.; asc. SE. slope 40 ft. to	
39.92	On top of spur, sloping S. about 5.00 chs. dist., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:	
	$\begin{array}{r} S. 20 \\ \frac{1}{4} \text{ sec.} \\ S. 29 \\ 1927 \end{array}$	
	from which,	
	An aspen, 6 ins. diam., bears N. 78° E., 37 lks. dist., marked $\frac{1}{4}$ S. 20 B T,	
	An aspen, 7 ins. diam., bears S. 24° W., 34 lks. dist., marked $\frac{1}{4}$ S. 29 B T,	
43.30	Enter a heavy growth of fir and spruce timber, bears N. and S.	
46.20	Draw, 120 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc. 265 ft.	
51.70	Leave timber, enter opening, bears NW. and SW.	
57.60	Spur, slopes SE. about 15.00 chs. dist.; desc. 10 ft.	

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- 60.30 Head of draw, drains SE.; asc. SE. slope 95 ft.
- 61.00 Leave opening, enter a medium heavy growth of aspen timber, bears NE. and SE.
- 68.80 Leave timber, bears NE. and SW.
- 70.60 Trail, bears NE. and SW., on top of spur, projecting SW.; desc. NW. slope 210 ft. to sec. cor.
- 71.60 Enter a medium heavy growth of aspen, and scattering fir and spruce timber, bears NE. and SW.
- 73.60 Leave timber, enter opening, bears NW. and SW.
- 76.50 Leave opening, enter a heavy growth of aspen, and scattering fir and spruce timber, bears NE. and SE.
- 79.84 The cor. of secs. 19, 20, 29 and 30.
- Land, mountainous; sandstone formation; drainage NE. into Sawmill Canyon, E. 9.00 chs.; W. 70.84 chs. drain generally to the SW. by forks of Hughes and South Hughes Canyons.
- Soil, sandy loam or a dark loam, about 1 to several ft. deep, lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.
- Timber, aspen, Alpine fir and Engelmann spruce.
- Undergrowth, deer browse, young aspen, fir and spruce, willows and gooseberry bushes. Excellent grazing land.
- Four springs of good clear water rise in the NE. $\frac{1}{4}$ NE. $\frac{1}{4}$ of sec. 29, in the head of a fork of South Hughes Canyon.
-
- West, on a true line bet. secs. 19 and 30.
- Over mountainous land, through a heavy growth of aspen and scattering fir and spruce timber, and scattering undergrowth; desc. abrupt NW. slope 340 ft.
- 16.30 Draw, drains NW.; asc. 105 ft.
- 26.80 Trail, bears NW. and SE., on top of spur, projecting northwesterly; desc. SW. slope 105 ft. to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

from which,

An Alpine fir, 8 ins. diam., bears N. 69° 45' E., 12
lks. dist., marked $\frac{1}{4}$ S 19 B T.

An Alpine fir, 7 ins. diam., bears S. 72° 15' W., 4
lks. dist., marked $\frac{1}{4}$ S 30 B T.

- 55.50 Enter a heavy growth of fir and spruce timber, and dense
undergrowth, bears NE. and SW.
- 59.00 Head of draw, 405 ft. below $\frac{1}{4}$ sec. cor., drains SW.; asc.
SE. slope 15 ft.
- 59.50 Leave timber and undergrowth, and enter opening covered
with dense sagebrush, bears NE. and SW.
- 61.50 Leave sagebrush opening, bears NE. and SW., and enter a
heavy growth of aspen, fir and spruce timber, and
dense undergrowth.
- 63.80 Spur, projects southwesterly about 20.00 chs. dist.;
desc. abrupt NW. slope 340 ft.
- 74.40 Stream of clear water, 3 lks. wide, 2 ins. deep, in the
bottom of Hughes Canyon, course SW.; asc. precipitous
SE. slope 85 ft. to closing sec. cor.
- 75.60 Timber and undergrowth become scattering, bearing NE.
and SW.
- 76.29 Intersect the W. bdy. of the Tp., S. 0° 41' W. 9.77 chs.
dist. from the $\frac{1}{4}$ sec. cor. of sec. 24, T. 14 S., R. 6
E., hereinbefore described, and at the point of inter-
section, set an iron post, 3 ft. long, 2 ins. in diam.,
20 ins. in the ground to solid rock, and in a mound of
stone, 4 ft. base, 1 ft. high, for closing cor. of
secs. 19 and 30, T. 14 S., R. 7 E., with brass cap
marked:
- | | |
|------|--------|
| T14S | T14S |
| R6E | S19 |
| S24 | S30-CC |
| | R7E |
- 1927
- from which,
- A blue spruce, 7 ins. diam., bears N. 75° E., 29
lks. dist., marked T 14 S R 7 E S 19 C C B T.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

An Alpine fir, 4 ins. diam., bears S.39°15'E., 52 lks. dist., marked T 14 S R 7 E S 30 C C B T.

Land, mountainous; outcroppings of sandstone formation; general drainage SW. into Huntington Canyon.

Soil, dark sandy loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.

Timber, aspen, Alpine and Douglas fir, Engelmann spruce and blue spruce.

Undergrowth, deer browse, sagebrush, young aspen, fir and spruce, willows and gooseberry bushes.

Excellent growth of grass and browse on portions of mile.

From the cor. of secs. 19, 20, 29 and 30, N.0°03'W., bet. secs. 19 and 20.

Desc. abrupt NW. slope 495 ft., through a heavy growth of aspen and scattering fir and spruce timber, and scattering undergrowth.

3.60 Leave timber, enter opening, bears NW. and SE.

5.00 Leave opening, and enter a medium heavy growth of aspen, and scattering fir and spruce timber, bears NE. and SW.

23.80 Draw, drains NW.; asc. 15 ft. Fir and spruce become dense.

25.90 Spur, slopes NW. about 3.00 chs. dist.; desc. 125 ft.

30.90 Stream of clear water, 1 lk. wide, 2 ins. deep, in the bottom of a fork of Hughes Canyon, course southwesterly; fir and spruce become scattering, enter a heavy growth of aspen timber, bears NE. and SW.; asc. steep SW. slope 270 ft.

38.50 Spur, slopes SE. about 5.00 chs. dist.; desc. NE. slope 15 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 19 | S 20

1927.

from which,

Survey of the Subdivision of T14S, R7E, S18

Chains.							
	An aspen, 5 ins. diam., bears S. 64° 45' E., 28 lks. dist., marked $\frac{1}{2}$ S 20 B T.						
	An aspen, 8 ins. diam., bears S. 40° 45' W., 36 lks. dist., marked $\frac{1}{2}$ S 19 B T.						
41.00	Draw, 10 ft. below $\frac{1}{2}$ sec. cor., drains SE.; asc. abruptly 465 ft.						
44.50	Small stream of clear water, course SE.						
47.20	A small spring of good clear water bears W. 40 lks. dist.; also, a small spring of good clear water bears E. 10 lks. dist., course SE.						
48.70	Leave timber, and enter dense undergrowth, bears NW. and SE.						
51.80	Spur, projects SE. about 12.00 chs. dist.; desc. 15 ft.						
56.00	Draw, drains SE.; abrupt ascent of 215 ft.						
56.70	Enter a heavy growth of aspen timber, bears NW. and SE.						
61.70	Spur, projects SE, approximately 15.00 chs. dist.; leave timber, bears NW. and SE.; asc. 285 ft. to the top of spur, across the head of draw, draining SE.						
62.00	Leave undergrowth, bears NW. and SE.						
70.70	Small stream of clear water in the head of the draw, drains SE.						
79.40	Spur, projects southwesterly about 40.00 chs. dist.; desc. gradual NW. slope 5 ft. to						
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 17, 18, 19 and 20, with brass cap marked:						
	<table border="1"> <tr> <td>T14S</td><td>R7E</td></tr> <tr> <td>S18</td><td>S17</td></tr> <tr> <td>S19</td><td>S20</td></tr> </table>	T14S	R7E	S18	S17	S19	S20
T14S	R7E						
S18	S17						
S19	S20						
	1927						
	from which,						
	An Engelmann spruce, 12 ins. diam., bears N. 4° 15' E., 234 lks. dist., marked T 14 S R 7 E S 17 B T.						
	An Engelmann spruce, 8 ins. diam., bears S. 84° 30' W., 541 lks. dist., marked T 14 S R 7 E S 19 B T.						
	An Alpine fir, 14 ins. diam., bears N. 66° W., 319 lks. dist., marked T 14 S R 7 E S 18 B T.						

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- As there are no trees available in sec. 20, I raise a mound of stone, 3 ft. base, $2\frac{1}{2}$ ft. high, W. of cor. Land, mountainous; abrupt slopes with outcroppings of sandstone formation; general drainage to the SW. by the forks of Hughes Canyon.
- Soil, sandy loam or a dark mountain loam, varying in depth from about 1 to several ft., lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.
- Timber, aspen, Alpine and Douglas fir, and Engelmann spruce.
- Undergrowth, deer browse, sagebrush, young aspen, fir and spruce, willows, chokecherry and gooseberry bushes.
- Good grazing land, greater portion of mile.
-
- S. $89^{\circ}58'E.$, on a random line bet. secs. 17 and 20.
- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.88 Intersect N. and S. line, 16 lks. S. of the cor. of secs. 16, 17, 20 and 21.
- Thence,
- S. $89^{\circ}55'W.$, on a true line bet. secs. 17 and 20.
- Desc. general NW. slope 60 ft., through a heavy growth of fir, spruce and scattering aspen timber, and medium dense undergrowth.
- 3.10 Stream of clear water, 2 lks. wide, 1 in. deep, in the bottom of Mud Creek Canyon, course northwesterly; asc. SE. slope 445 ft.
- 7.30 Road, bears N. $15^{\circ}W.$ to Clear Creek, Utah, and S. $15^{\circ}E.$ to the tops of the main divides and to Nuc Woodward Canyon.
- 11.60 Fir and spruce become scattering; enter a heavy growth of aspen timber, bears NE. and SW.
- 18.20 Leave timber, enter opening, bears NW. and SW.
- 21.70 Leave opening, enter a heavy growth of fir and spruce timber, bears NE. and SE.
- 21.80 Spur, projects N. $30^{\circ}E.$ about 12.00 chs. dist.; desc. 70 ft.

Survey of the Subdivision of T. 36 S., R. 7 E.

Station

71. 72. Ravine, drainage NE.; enter a medium heavy growth of aspen timber, bears NE. and SW.; sec. abrupt NE. slope 800 ft. to the g. sec. cor.

72. 73. Leave timber, bears SW. and SE.

73. 74. Leave timber, bears NE. and SW.

74. 75. Section from post, 1 ft. long, 1 in. in diam., 27 ins. in the ground, for g. sec. cor., with brass cap marked:

$$\begin{array}{r} 5 \ 17 \\ 3 \overline{) 150} \\ 150 \\ \hline 0 \end{array}$$

from 71 to 75.

An aspen, 12 ins. diam., bears N. 63° E., 263

ft. dist., marked, 3 17 E T.

An aspen spruce, 12 ins. diam., bears S. 57° E.,

121 ft. dist., marked, 3 20 S T.

75. 76. Leave, bears N. 1° W. and S. 3° E.

76. 77. Leave ridge, drainage NE. Bad Creek Canyon or Pleasant Valley, from ridge on the E. and Huntington Canyon drainage on the W., 17 ft. above g. sec. cor., bears N. 1° W. and S. 1° E.; dist. 17. slope 110 ft.

77. 78. Leave, bears SW. and SE.

78. 79. Enter a medium heavy growth of aspen, and scattering fir and spruce timber, bears SW. and SE.

79. 80. Leave timber, enter opening, bears SW. and SE.

80. 81. Leave opening, enter a medium heavy growth of aspen, and scattering fir and spruce timber, bears SW. and SE.

81. 82. Leave, bears SW., sec. 10 ft.

82. 83. Leave, slopes E. about 1000 chs. dist.; desc. 40 ft.

83. 84. Stages of clear water, 1 in. wide, 1 in. deep, in the bottom of ravine, source SE.; leave timber, bears SW. and SE.; sec. steep SE. slope 215 ft.

84. 85. Leave, slope considerably; desc. gradual NE. slope 10 ft. to

85. 86. The top of sec. 17, 18, 19 and 20.

Land, mountainous with outcroppings of sandstone formations, drainage NE. into Bad Creek Canyon, E. 45.70 chs. remainder of site drains SW. by the forks of Hughes

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

Canyon.

Soil, dark sandy loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.

Timber, aspen, Engelmann spruce and Alpine fir.

Undergrowth, deer browse, young aspen, fir and spruce, willows and gooseberry bushes. Excellent grazing land.

West, on a true line bet. secs. 18 and 19.

Desc. 860 ft. to $\frac{1}{4}$ sec. cor., over NW. slope, through scattering undergrowth.

- 4:90 Enter a heavy growth of fir and spruce timber, and medium dense undergrowth, bears NE. and SW.
- 11:60 Leave heavy growth of timber, and enter opening of scattering fir and spruce, bears NW. and SW.; undergrowth becomes scattering.
- 23:80 Leave opening, and enter a heavy growth of aspen timber and medium dense undergrowth, bears NE. and SW.
- 40:00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S\ 18 \\ \frac{1}{4} \\ \hline S\ 19 \\ 1927 \end{array}$$
- from which,
- An aspen, 4 ins. diam., bears N.51°W., 8 lks. dist., marked $\frac{1}{4}$ S 18 B T.
- An aspen, 6 ins. diam., bears S.37°W., 8 lks. dist., marked $\frac{1}{4}$ S 19 B T.
- 46:80 Stream of clear water, 2 lks. wide, 3 ins. deep, in the bottom of a fork of Hughes Canyon, 285 ft. below $\frac{1}{4}$ sec. cor., course SW.; asc. precipitous general SE. slope 700 ft.
- 53:80 Leave heavy growth of aspen timber, and enter scattering, bears NW. and SW.; undergrowth becomes scattering.
- 68:80 Spur, slopes SE. about 10.00 chs. dist.; desc. 15 ft.
- 71:80 Draw, drains SE.; asc. SE. slope 50 ft. to

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

76.07 Intersect the W. bdy. of the Tp., S.0°03'E. 10.25 chs. dist. from the $\frac{1}{4}$ sec. cor. of sec. 18, T. 14 S., R. 6 E., hereinbefore described, and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam. 27 ins. in the ground, for closing cor. of secs. 18 and 19, T. 14 S., R. 7 E., with brass cap marked:

T14S	T14S	
R6E	S18	CC
S13	S19	
	R7E	
	1927	

from which,

An aspen, 7 ins. diam., bears N.83°45'E., 113

lks. dist., marked T 14 S R 7 E S 18 C C B T.

An aspen, 12 ins. diam., bears S.50°E., 98

lks. dist., marked T 14 S R 7 E S 19 C C B T.

Land, steep slopes of a fork of Hughes Canyon, draining S.; outcroppings of sandstone formation.

Soil, dark sandy loam or a black loam, about 18 ins. to several ft. deep, lying on a clay subsoil or on bed-rock; 1st. and 2nd. rate.

Timber, aspen, Alpine fir and Engelmann spruce.

Undergrowth, deer browse, young aspen, fir and spruce, willows, rosebushes and gooseberry bushes.

Excellent grazing land.

From the cor. of secs. 17, 18, 19 and 20,

N.0°03'W., on a true line bet. secs. 17 and 18.

Desc. NW. slope 90 ft., through scattering undergrowth.

2.00 Enter a medium heavy growth of fir and spruce timber, bears NE. and SW.

9.90 Leave medium heavy growth of timber, bears E. and W., and enter scattering aspen, fir and spruce.

11.10 Dry wash, 15 lks. wide, 5 ft. deep, in the bottom of draw, drains W.; asc. S. slope 95 ft.

14.30 Enter a medium heavy growth of aspen timber, bears NW. and SE.

15.80 Leave timber, bears NW. and SE.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

- 20.40 Spur, slopes W. about 10.00 chs. dist.; asc. 185 ft. to $\frac{1}{4}$ sec. cor., across the head of draw, draining W.
- 26.00 Leave undergrowth of young aspen, fir and spruce, and gooseberry bushes, and enter a dense growth of yellow top, bears NW. and SE.
- 27.90 Head of the draw, drains west.
- 39.00 Leave undergrowth of yellow top, bears NW. and SE.
- 40.00 On a SW. slope, set a sandstone, 30x14x3 ins., 22 ins. in the ground, for $\frac{1}{4}$ sec. cor., marked on top with a cross (X) and on W. face with $\frac{1}{4}$, and witnessed on the W. by a mound of stone, 3 ft. base, 3 ft. high. No iron post available.
- 48.30 Main ridge or divide, bet. Mud Creek Canyon or Pleasant Valley Creek drainage on the E. and Huntington Canyon drainage on the W., 65 ft. above $\frac{1}{4}$ sec. cor., bears N.25°W. and S.25°E.; desc. gradual NE. slope 15 ft. to
- 50.61 Intersect the S. bdy. of sec. 7, west 3.85 chs. dist. from the cor. of sec. 7, hereinbefore described, and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 17 and 18; with brass cap marked:

S7	
S18	S17
T14S	R7E
CC	
1927	

and raise a mound of stone, $2\frac{1}{2}$ ft. base, $2\frac{1}{2}$ ft. high, S. of cor.

Land, line runs along the E. side of a fork of Hughes Canyon, draining S.; outcroppings of sandstone formation.

Soil, red sand or sandy loam, varying in depth from about 2 ft. to several ft., lying on a clay subsoil or on bedrock; 1st. to 3rd. rate.

Timber, Alpine fir, aspen and Engelmann spruce.

Undergrowth, yellow top, young aspen, fir and spruce and gooseberry bushes. Excellent growth of grass and browse.

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.	
	From the cor. of secs. 8, 9, 16 and 17, S. 89° 55' W., on a true line bet. secs. 8 and 17. Over mountainous land, through a heavy growth of fir, spruce and scattering aspen timber, and medium dense undergrowth; desc. 100 ft. along general N. slope.
5.30	Logging road, bears N. 60° E. and S. 60° W.
7.70	Logging road, bears NW. and SE.
8.70	Head of draw, drains NE.; asc. 40 ft.
9.30	Logging road, bears NW. and SE.
15.90	Spur, slopes N. about 7.00 chs. dist.; desc. 15 ft.
20.50	Head of draw, drains NE.; asc. 480 ft. to $\frac{1}{4}$ sec. cor., along general N. slope.
39.80	Small stream of clear water from spring which bears S. about 30 lks. dist., course N. 15° E.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked: <div style="text-align: center;">$\frac{1}{4}$ $\frac{S\ 8}{S\ 17}$ 1927</div> from which, An Engelmann spruce, 24 ins. diam., bears N. 1° 30' E., 29 lks. dist., marked $\frac{1}{4}$ S 8 B T. An Engelmann spruce, 16 ins. diam., bears S. 23° E., 35 lks. dist., marked $\frac{1}{4}$ S 17 B T. From this cor., continue ascent of 395 ft. to closing cor. of secs. 8 and 17, along general N. slope.
43.00	Leave heavy growth of fir and spruce timber, and enter a medium dense growth, bears N. and S.; undergrowth becomes more dense.
68.20	A seep of clear water, course N.
76.13	Intersect the E. bdy. of sec. 7, south 11.10 chs. dist. from the $\frac{1}{4}$ sec. cor. of sec. 7, hereinbefore described, and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 8 and 17, with brass cap marked:

Survey of the Subdivision of T. 14 S., R. 7 E.

Chains.

	T14S.
	S8
S7	S17 ^{CC}
	R7E
1927	

from which,

An Engelmann spruce, 12 ins. diam., bears N.61°15'E.,

83 lks. dist., marked T 14 S R 7 E S 8 C C B T.

An Engelmann spruce, 9 ins. diam., bears S.27°15'E.,

104 lks. dist., marked T 14 S R 7 E S 17 C C B T.

From this closing sec. cor., a spring of good clear

water, and flowing a stream northeasterly, 1 lk. wide,

2 ins. deep, bears N.85°15'W. 2.23 chs. dist.

Land, line runs along the N. slope of spur, with a general drainage E. into Mud Creek Canyon; sandstone formation.

Soil, dark sandy mountain loam, about 18 ins. to several ft. deep, lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.

Timber, Engelmann spruce, Alpine fir and aspen.

Undergrowth, deer browse, young aspen, fir and spruce, willows, gooseberry bushes and rosebushes.

Fair to good grazing land.

Boundary of Tps. 14 S., R. 7 E.

Latitudes, Departures and Closing Errors.

Line Designated.	True Bearing.	Distance.	Latitudes.		Departures.	
			N.	S.	E.	W.
		Chs.	Chs.	Chs.	Chs.	Chs.
West Bdy. of Tp.: CC Tps. 14 & 15 S., R. 7 E. to cor. secs. 24 & 25, T. 14 S., R. 6 E.	N. 0° 17' E.	131.96	131.96		0.65	
Cor. secs. 24 & 25 to cor. sec. 24, R. 6 E.	N. 0° 41' E.	39.72	39.72		0.48	
cor. sec. 24 to cor. sec. 13, R. 6 E.	N. 0° 03' W.	80.34	80.34			0.07
cor. sec. 13 to cor. secs. 1, 6, 7 & 12.	N. 1° 18' E.	121.05	121.02		2.75	
Subdivision of Tps. Bet. secs. 6 & 7.	S. 89° 55' E.	77.18		0.11	77.18	
Bet. secs. 5 & 8.	S. 89° 58' E.	79.32		0.05	79.32	
Bet. secs. 4 & 9:	N. 89° 58' E.	39.78	0.02		39.78	
	East	39.70			39.70	
Bet. secs. 3 & 4:	N. 0° 03' E.	80.70	80.70		0.07	
North Bdy. of Tp: Bet. secs. 3 & 34.	N. 89° 53' E.	39.92	0.08		39.92	
	East	39.87			39.87	
S. Bdy. sec. 35, T. 13 S., R. 7 E.	East	79.81			79.81	
S. Bdy. sec. 36, T. 13 S., R. 7 E.	S. 89° 58' E	79.30		0.05	79.30	
East Bdy. of Tp: Cor. Tps. 13 & 14 S., R. 7 E. to cor. sec. 6, T. 14 S., R. 8 E.	S. 0° 46' W.	9.66		9.66		0.13
cor. sec. 6 to cor. secs. 6 & 7, R. 8 E.	S. 0° 42' W.	40.00		40.00		0.49
Cor. secs. 6 & 7 to cor. sec. 7, R. 8 E.	S. 0° 40' W.	40.46		40.46		0.47
to cor. secs. 7 & 18.	S. 0° 12' W.	40.53		40.53		0.14
to cor. secs. 13, 18, 19 and 24,	S. 0° 15' W.	80.90		80.90		0.35
to cor. sec. 19,	S. 0° 13' E.	40.86		40.86	0.15	
to cor. secs. 19 & 30,	S. 0° 46' W.	40.48		40.48		0.54
to cor. sec. 30,	S. 0° 41' E.	40.01		40.01	0.48	
to cor. secs. 30 & 31	S. 0° 18' W.	40.97		40.97		0.21
to cor. sec. 31,	S. 0° 04' W.	39.96		39.96		0.05
to CC Tps. 14 S., Rs. 7 and 8 E.	S. 0° 03' E.	37.62		37.62	0.03	
S. Bdy. of Tp.: CC Tps. 14 S., Rs. 7 & 8						
E. to cor. sec. 1,	S. 89° 33' W.	29.53		0.23		29.53
to cor. secs. 1 & 2,	S. 89° 27' W.	39.64		0.38		39.64
to cor. sec. 2,	N. 89° 52' W.	39.79	0.09			39.79
to cor. secs. 3 & 4,	S. 89° 58' W.	119.58		0.07		119.58
to cor. sec. 4,	S. 89° 44' W.	39.92		0.19		39.92
to cor. secs. 4 & 5,	S. 89° 55' W.	39.78		0.06		39.78
to cor. sec. 5,	S. 89° 49' W.	39.94		0.13		39.94
to cor. secs. 5 & 6,	N. 89° 55' W.	39.56	0.06			39.56
to cor. sec. 6,	S. 89° 26' W.	40.11		0.40		40.11
to CC Tps. 14 & 15 S., R. 7 E.	S. 89° 03' W.	49.46		0.83		49.46
Convergency					0.60	
Totals.....			453.96	453.96	480.00	479.78
			453.95		479.78	
Errors in latitude and departure.....			0.01		0.22	

General Description.

All of the land in this township included in this survey lies in the Manti National Forest Reserve, the north boundaries of sections eight, nine, south half of the west boundary of section three, the south and east boundaries of the northwest quarter of section three, the east two and one half miles of the north boundary and the entire east boundary of the township being identical with the Reserve boundary.

The main ridge or divide crosses the north boundary of section seven, and bears in a general southeasterly direction to the center of the east half of section twenty, thence northeasterly to the northwest quarter of section fifteen, then, approximately north and S.10°E. through the entire township. The Carbon-Emery County line follows along the top of this divide, except on the top of the ridge bearing north from the northwest quarter of section fifteen. The portion of the divide bearing about north and S.10°E. from the northwest quarter of section fifteen, is known as the Castle Valley Ridge, and from it, four large deep canyons, viz: Corner, First Water, Second Water and Bob Wright, drain nearly all of the east half of the township to the east; and these canyons and their forks are separated from each other by abrupt spurs, called Trail Ridge, Lone Pine Tree Ridge, Bob Wright Ridge, Corral Ridge and Telephone Ridge, projecting easterly and northeasterly. From the main divide near the center of the east half of section twenty, Trough Springs Ridge bears about S.20°E. through the township; and the land between this ridge and the Castle Valley Ridge, drains generally to the south by Nuc Woodward Canyon. All of the land to the north of the main divide and west of the Castle Valley Ridge, is drained generally to the north by Snider Canyon and Mud Creek or Pleasant Valley Creek Canyon; and to the west of

General Description.

the main divide and Trough Springs Ridge, the remainder of the township is drained by Hughes, South Hughes, Flood, Valentine and Cox Canyons into Huntington Canyon, which has a southeasterly course. Nearly all of the canyons and their forks are deep and abrupt, but they are only rough in places with ledges and outcroppings. A gently rolling park, covering an area of about two hundred acres, lies in section twenty-eight.

Sandstone is the formation, although limestone is exposed in section twelve, on some of the spurs off Bob Wright Ridge. Numerous seams and veins of coal are found all over the township, and more so, on the sections in the northeast portion. From these surface showings, it is evident that parts of nearly all of the sections are underlaid with coal. There are no indications of oil, oil shale or mineral, except a contact between the sandstone and limestone, on one of the spurs off Bob Wright Ridge, in the northeast quarter of section twelve.

The township has an approximate range of elevation above sea level of seven thousand five hundred feet to ten thousand four hundred forty-three feet, and the general average magnetic declination is $16^{\circ}24'$ east, which gives the magnetic bearing of the true meridian $N.16^{\circ}24'W.$ Monument Peak, which is situated in the southeast quarter of section seven, has an elevation above sea level of ten thousand four hundred and forty-three feet, and is the highest peak in the township.

On all of the sections, the soil is either a dark sandy loam, or a dark or black mountain loam, varying in depth from a few inches to several feet, lying on a clay subsoil or on bedrock; first to third rate. In the bottoms of some of the canyons and ravines, the soil varies in depth from a few feet to about twenty-five feet.

The greater part of each of the sections to the west of

General Description.

The Castle Valley Ridge is covered with a heavy growth of timber, while on the land to the east of this divide, the timber is either scattering or found in patches. Aspen, Alpine fir, Engelmann spruce and Douglas fir predominate, and blue spruce and maple grow along the bottoms of Huntington and Nuc Woodward Canyons, and the forks of Huntington Canyon. Limber pine is found on the tops of some of the high rocky spurs and points in the eastern and western ranges of sections. Also, a few scattering pinon pine and cedar grow in the eastern range of sections.

Dense undergrowth of oak and buck brush, sagebrush, service berry, chokecherry and gooseberry bushes, wild rosebushes, young aspen, fir and spruce, willows and yellow top covers nearly all of the sections. A dense growth of willows is found along some of the creeks and in the bottoms of many of the canyons and ravines.

The township is well supplied with good water, there being numerous springs, seeps and streams in nearly all of the draws, ravines and canyons. Some of the streams are very large. Huntington Creek is about twenty to thirty links wide and one to two feet deep; Nuc Woodward, Snider, Mud, Bob Wright and Corner Canyon creeks are about eight to twelve links wide and six to twelve inches deep. Several springs in the township are troughed for watering stock. Drifts of snow remain on the higher ridges until late in the summer.

There is an excellent growth of grass, browse and weeds on all of the sections, and with the abundant supply of water, the land serves as a first class summer range for cattle, sheep and horses. At present the township affords grazing for about four hundred cattle, one hundred horses and seven bands of sheep, numbering from fifteen hundred to three thousand to a flock, including lambs. Owing to the high altitude and the narrow can -

General Description.

yons, farming is impracticable in this township.

Sawmills have been operating on several of the sections in the western half of the township; but, only one remains, although there is considerable saw timber left. This sawmill is located in the northwest quarter of the northwest quarter of section twenty-seven. A coal mine, known as the Fireside, is located in lot four, section nine, in the bottom of Mud Creek Canyon. The company has an office building, several bunk houses, blacksmith shop and garage; but the mine is not operating at present. Leonard Wilson, who owns a homestead in section thirty-one, Township Fourteen South, Range Eight East, has constructed a barb wire fence on the north half mile between sections thirty-one and thirty-six, on the east boundary of the township. A large sheep dipping corral is located in the southwest quarter of the northwest quarter of section twenty-one. The telephone line from Price, Utah to Clear Creek, Utah, crosses sections one, two and three. A well travelled auto or wagon road from Mount Pleasant, Utah to Huntington, Utah, in the bottom of Huntington Canyon, crosses the west boundary of lot one, section thirty, and bears in a southeasterly direction, leaving the township near the corner of sections thirty-one and thirty-two. There are two other wagon roads from Clear Creek, Utah, which is situated in section thirty-three, Township Thirteen South, Range Seven East, that pass south and southeasterly, respectively, through Mud Creek and Snider Canyons to the tops of the main divides and to Nuc Woodward Canyon. Logging roads and trails are numerous, but, there are no other improvements, nor any settlers in this township.

CERTIFICATE OF UNITED STATES SURVEYOR.

I, J. C. Clark, U. S. Surveyor, hereby certify upon honor that, in accordance with special instructions received from the District Cadastral Engineer for Utah, bearing date of the 18th day of February, 1926, I have well, faithfully, and in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of a Dependent Resurvey of the East and South Boundaries, a portion of the North Boundary, a portion of the West Boundary or Pleasant Valley Guide Meridian and a portion of the Subdivision, and the Survey of a portion of the Subdivision of Township No. 14 South, Range No. 7 East.

_____ of the Salt Lake Base and _____ Meridian, in the State of Utah, which are represented and date diagram on page 1 on the dates shown on said diagram the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Utah, and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey. Certified to at Salt Lake City, Utah, February 28, 1928.

J. C. Clark
U. S. Surveyor

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,

Denver, Colorado **MAR 13 1928**

The foregoing field notes of the ~~survey of~~ dependent resurvey of the east and south boundaries; portion of the north boundary; portion of the west boundary or Pleasant Valley Guide Meridian; and portion of the subdivision; and the survey of a portion of the subdivision of Township No. 14 South, Range No. 7 East of the Salt Lake Base and Meridian, Utah

executed by J. C. Clark, U. S. Surveyor

under ~~the~~ special instructions dated February 18, 1926, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

William Johnson
U. S. Supervisor of Surveys

I certify that the foregoing transcript of the field notes of the above described surveys in

_____ has been correctly copied from the original notes on file in this office.

U. S. Supervisor of Surveys

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BOOK A-487

RECEIVED

MAR 31 1928

Department Of The Interior

Public Survey Office

Salt Lake City, Utah

FIELD NOTES

OF THE SURVEY OF THE

SUBDIVISION OF TOWNSHIP NO. 9 SOUTH, RANGE NO. 8 EAST,

AND THE REESTABLISHMENT OF ORIGINAL CORNERS ON

THE BOUNDARY OF THE UINTAH INDIAN RESERVATION.

Of the Salt Lake Base and Meridian,

in the State of Utah.

EXECUTED BY

J. C. CLARK

in the capacity of U. S. Surveyor, under instructions dated February 18, 1926,

issued by the United States District Cadastral Engineer
~~Surveyor-General~~ to govern surveys included in

Group No. 170, which were approved by the Commissioner of the General Land

Office, March 1, 1926, 191

Assignment Instructions dated August 24, 1927. ✓

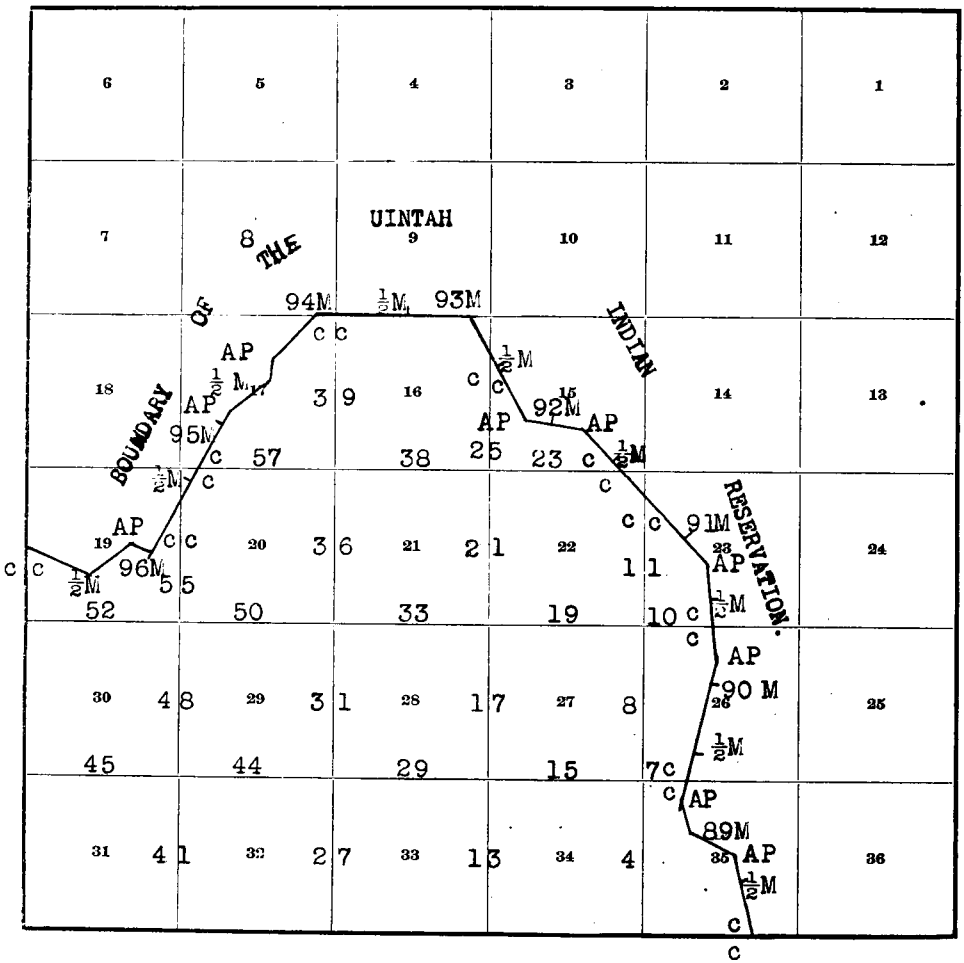
Survey commenced September 3, 1927, 191

Survey completed October 29, 1927, 191

BOOK A-487

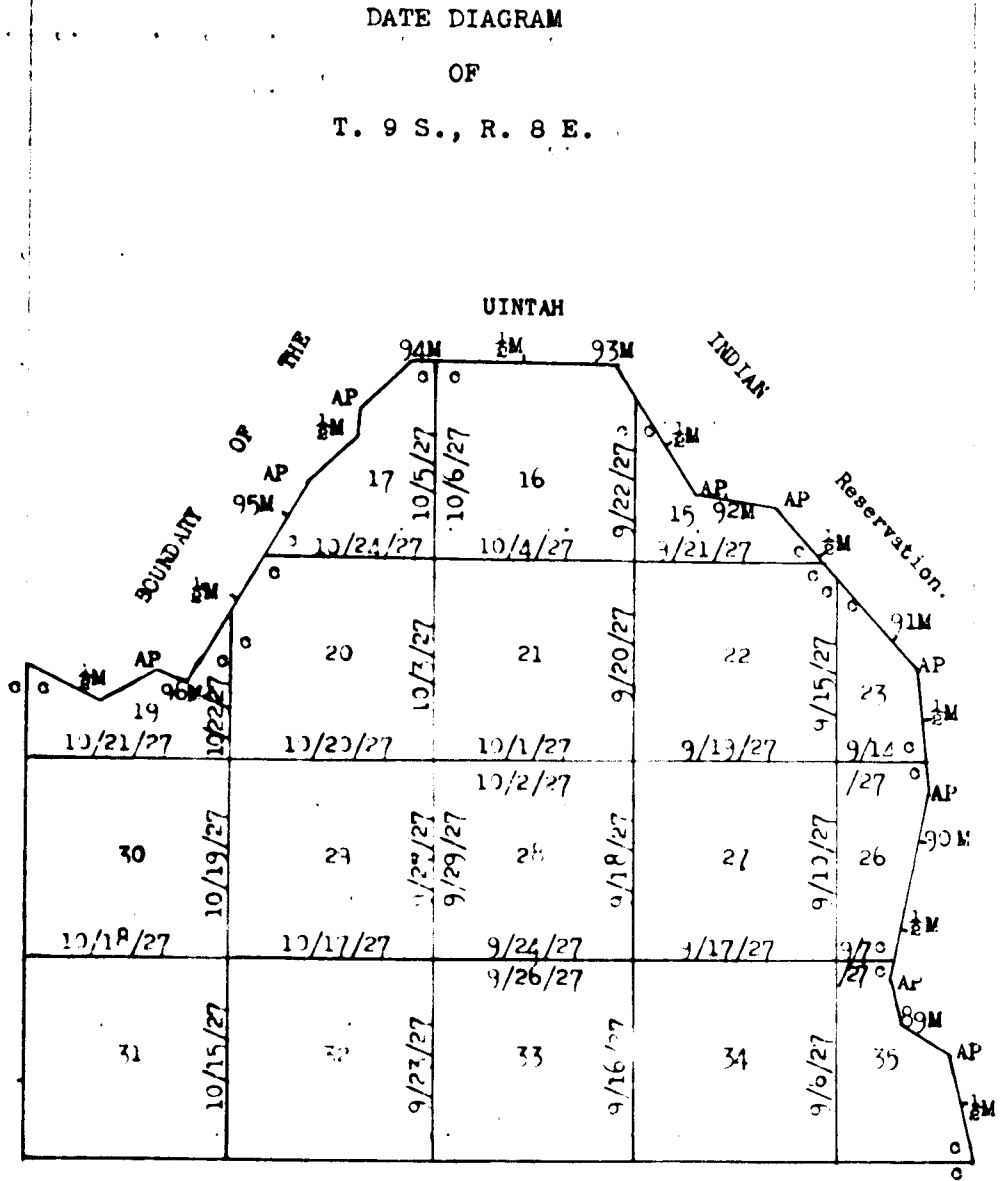
INDEX DIAGRAM.

Township No. 9 South, Range No. 8 East.



Township 9 South, Range 8 East.

Tests of Instrument.



Survey commenced September 3, 1927, and executed by J. C.

Clark, U. S. Surveyor, with a Young and Sons transit No. 8539. The instrument is equipped with a Smith solar attachment and full vertical circle, the horizontal limb being provided with two double verniers placed opposite to each other and reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs, and vertical circle.

The instrument was approved for use on this survey by the District Cadastral Engineer for District No. 6, in

Township 9 South, Range 8 East.

Tests of Instrument.

Assignment Instructions dated August 24, 1927, conditional upon satisfactory field tests.

September 3, 1927, at camp, in sec. 33, T. 9 S., R. 8 E., in approximate latitude $40^{\circ}00'$ N., approximate longitude $111^{\circ}53'$ W., I examine the adjustments of the instrument and correct the errors in the levels and the line of collimation of the main telescope. Then, to test the solar apparatus by comparing its indications, resulting from solar observations made during a. m. and p. m. hours with a meridian established by observations on Polaris, I proceed as follows:

At 08.30 p. m., l. m. t., I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined with a nail in a stake, driven firmly in the ground approximately eight chains N. of my station.

September 4, 1927, at 7 a. m., apparent time, I lay off the azimuth of Polaris $1^{\circ}25'$ to the west, and mark the meridian with a nail in a stake, set firmly in the ground about eight chains N. of my station.

At 09.00 a. m., apparent time, I set off $40^{\circ}00'$ N., on the lat. arc; $7^{\circ}24'$ N., on the decl. arc; and determine a meridian with the solar which agrees within 30 seconds of the true meridian.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is $7^{\circ}11'$ N., which agrees within 15 seconds of the computed decl. of the sun.

At 12.50 p. m., apparent time, with the lat. arc unchanged, I set off $7^{\circ}18'$ N., on the decl. arc; and determine a meridian with the solar which practically coincides with the meridian obtained by observations on Polaris.

All of the tests during the hours suitable for solar

Township 9 South, Range 8 East.

Tests of Instrument.

work practically coincide with the true meridian; therefore, I conclude that the adjustments of the instrument are satisfactory.

Final Test of Instrument.

October 23, 1927, at camp, in sec. 33, T. 9 S., R. 8 E., I test the solar apparatus as follows by comparing its indications hourly with the true meridian obtained from observations on Polaris September 3, 1927, hereinbefore described:

At 9h 0m a. m., apparent time, I set off $40^{\circ}00'$ N., on the lat. arc; $11^{\circ}11'$ S., on the decl. arc; and determine a meridian with the solar which falls less than one minute west of the meridian determined by observations on Polaris.

At apparent noon, I set off $11^{\circ}14'$ S., on the decl. arc, and observe the sun on the meridian; the resulting reading of the lat. arc is $39^{\circ}59'30''$ N., which agrees within $30''$ of the calculated lat.

At 3h 0m p. m., apparent time, with the lat. arc unchanged, I set off $11^{\circ}17'$ S., on the decl. arc; and note that the line determined with the solar falls about one half minute east of the meridian obtained by Polaris observations.

As all of the solar observations during the usual hours of solar work come within one minute of the true meridian, I conclude that the adjustments of the instrument are satisfactory.

The true meridian was checked by observations on Polaris at eastern elongation, October 15, 1927, and when weather conditions would permit, the solar apparatus was tested every week. Observations for latitude and declination were taken whenever practicable, and in computing the declinations of the sun, the refractions were corrected for an altitude above sea level, varying from eight thousand to ten thousand feet. All

Township 9 South, Range 8 East.

Tests of Instrument.

measurements were taken with a five chain Lallie steel tape which was compared frequently with a Lufkin standard one chain steel tape kept for this purpose only; and the distances measured on the slope were reduced to the horizontal by using Keuffel and Esser clinometers.

Method and Order of Procedure.

The township exteriors have been previously surveyed and established; the south boundary was run east and the west boundary north to an intersection with the boundary of the Uintah Indian Reservation, which constitutes the north and east boundaries of the township. In surveying the subdivision, the line between sections 34 and 35, 26 and 27, and 22 and 23, is run due north as an offset to the east boundary of the township, and then, the township is subdivided in the usual manner, terminating the surveys on, and placing the fractional measurements against the reservation boundary and the west boundary of the township. Closing corners are established on the reservation boundary, after retracing between the first corners to the right and left of the points for the closing corners on said boundary. During the progress of the survey of this township, nearly all of the original corners on the reservation boundary were visited, and the corners found to be dilapidated or nearly destroyed, are reconstructed and witnessed, and their record of establishment is given at the end of the subdivision in these finished notes.

Survey of the Subdivision of T. 9 S., R. 8 E.

Commence at the cor. of secs. 34 and 35, on the S. bdy. of the Tp., which is an iron post, 2 ins. in diam.,

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

extending 16 ins. above ground, firmly set in a mound of stone, 3 ft. base, 1 ft. high, correctly marked and witnessed by

A Douglas fir, 16 ins. diam., bears N.46°15'E.,

211 lks. dist., marked T 9 S R 8 E S 35 B T.

North, on a true line bet. secs. 34 and 35.

Over mountainous land, through a scattering growth of fir and aspen timber, and dense tall undergrowth; desc. NW. slope 210 ft.

11.50 Ravine, drains southwesterly; asc. SE. slope 285 ft.

21.90 Spur, projects SW. approximately 12.00 chs. dist.; undergrowth becomes scattering, enter a medium heavy growth of fir and aspen timber, bears NE. and SW.; asc. 175 ft. to $\frac{1}{4}$ sec. cor., across the head of draw.

25.90 Leave medium heavy growth of timber, bears NW. and SE., and enter scattering fir and dense undergrowth.

26.00 Head of the draw, draining SW.

30.50 Undergrowth becomes more scattering, enter a medium heavy growth of fir and pine timber, bears NW. and SE.

39.00 Enter a medium heavy growth of aspen timber, bears NW. and SE.

40.00 On a general S. slope, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 34 | S 35
 1927

from which,

A Douglas fir, 7 ins. diam., bears S.40°45'E., 58 lks. dist., marked $\frac{1}{4}$ S 35 B T.

A Douglas fir, 5 ins. diam., bears N.28°W., 42 lks. dist., marked $\frac{1}{4}$ S 34 B T.

41.40 Leave timber, and enter dense undergrowth, bears NW. and SE.

47.20 Spur from E., projects S.70°W.; 60 ft. above $\frac{1}{4}$ sec. cor.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

leave dense undergrowth and enter scattering, bears E. and W.; desc. N. slope 65 ft.

47.40 Enter a medium heavy growth of aspen timber, bears SE. and SW.

52.10 Enter a heavy growth of aspen timber, bears SE. and SW.

54.60 Ravine, drains W.; asc. 85 ft.

56.00 Leave timber, bears NE. and SW.

58.90 Enter a medium heavy growth of aspen and fir timber, bears NW. and SE.

61.00 Leave timber, and enter dense undergrowth, bears NW. and SE.

65.20 Spur from E., projects westerly about 45.00 chs. dist., thence N.; desc. NE. slope 70 ft.

66.80 Trail, bears NW. and SE.

68.00 Leave undergrowth, and enter a medium heavy growth of aspen timber, bears NW. and SE.

72.40 Draw, drains NW.; asc. 45 ft. to sec. cor., along general W. slope.

77.50 Leave timber, and enter dense undergrowth, bears NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 26, 27, 34 and 35, with brass cap marked:

T9S	R8E
S27	S26
S34	S35
1927	

from which,

An aspen, 4 ins. diam., bears N.73°30'E., 355 lks. dist., marked T 9 S R 8 E S 26 B T.

An aspen, 4 ins. diam., bears S.1°30'E., 260 lks. dist., marked T 9 S R 8 E S 35 B T.

An aspen, 5 ins. diam., bears S.72°45'W., 219 lks. dist., marked T 9 S R 8 E S 34 B T.

An aspen, 5 ins. diam., bears N.89°30'W., 224 lks. dist., marked T 9 S R 8 E S 27 B T.

Land, mountainous with outcroppings of shale formation;

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

S. 47.20 chs. drain southwesterly and the N. 32.80 chs. drain northwesterly into the East Fork of White River Canyon.

Soil, dark sandy loam, or a dark or black mountain loam, varying in depth from a few ins. to about 4 ft., lying on a clay subsoil or on shale; 1st. and 2nd. rate.

Timber, aspen, Douglas fir, limber pine and Alpine fir.

Undergrowth, sagebrush, deer browse, young aspen and fir, yellow top, rosebushes, currant, chokecherry and service berry bushes.

Excellent growth of grass and browse.

East, on a true line bet. secs. 26 and 35.

Asc. abrupt general W. slope 105 ft., through dense undergrowth of deer browse and yellow top.

5.00 Enter a medium dense growth of sagebrush, bears N. and S.

5.40 Top of abrupt ascent, bears northeasterly and S.; over nearly level or gently rolling top to closing sec. cor.

20.30 Old road, bears NE. and SW.

21.98 Intersect the boundary of the Uintah Indian Reservation, N. $10^{\circ}15'E$. (record) 9.17 chs. dist. from the angle point on the 90th. mile, hereinafter described in these notes at the end of the subdivision; and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 26 and 35, T. 9 S., R. 8 E., with brass cap marked:

T9S	U	T5S
C S26	I	R10W
C S35	R	S34
R8E		
1927		

from which,

An aspen, 5 ins. diam., bears N. $72^{\circ}45'W$., 363

lks. dist., marked T 9 S R 8 E S 26 C C B T.

There are no trees available in sec. 35; therefore, I.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, W. of cor.

Land, mountainous, draining NW. into a fork of the East Fork of White River Canyon; outcroppings of shale formation.

Soil, dark sandy loam or a dark mountain loam, varying in depth from a few ins. to about 4 ft., lying on a clay subsoil or on shale; 1st. and 2nd. rate.

Timber, aspen.

Undergrowth, deer browse, yellow top and sagebrush.

Excellent grazing land.

From the cor. of secs. 26, 27, 34 and 35,
North, bet. secs. 26 and 27.

Asc. gradually 10 ft. along general W. slope, through dense undergrowth of deer browse and yellow top.

6.10 Spur, slopes NW. about 15.00 chs. dist.; desc. abrupt NE. slope 325 ft.

17.50 Ravine, drains W.; asc. steep S. slope 300 ft.

17.60 Enter a scattering growth of aspen and fir timber, and undergrowth of chokecherry, service berry and wild currant bushes, bears E. and W.

21.50 Enter dense undergrowth of sagebrush, bears E. and W.

28.10 Leave undergrowth, and enter a medium heavy growth of aspen timber, bears NE. and SW.

28.50 Leave timber, and enter a dense growth of sagebrush and yellow top, bears NE. and SW.

29.70 Spur, projects W. approximately 8.00 chs. dist.; desc. gradual N. slope 65 ft. to $\frac{1}{4}$ sec. cor.

30.00 Trail, bears E. and W.

35.40 Leave undergrowth of sagebrush and yellow top, and enter a medium dense growth of deer browse, bears NE. and SW.

35.60 Enter a heavy growth of aspen and scattering fir timber, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 27 S 26
 1927

from which,

An aspen, 5 ins. diam., bears S.41°45'E., 40
lks. dist., marked $\frac{1}{4}$ S 26 B T.

An aspen, 4 ins. diam., bears N.23°30'W., 14
lks. dist., marked $\frac{1}{4}$ S 27 B T.

- 45.50 Timber becomes scattering, bearing NW. and SE.
- 46.00 Trail, bears NW. and SE.
- 50.80 Draw, 200 ft. below $\frac{1}{4}$ sec. cor., drains NW.; asc. gradually 10 ft.
- 55.70 Enter a medium heavy growth of aspen timber, bears NW. and SE.
- 59.70 Leave timber, bears NW. and SE.
- 62.50 Spur, slopes NW. about 5.00 chs. dist.; desc. 135 ft.
- 65.50 Enter a heavy growth of fir and pine timber, bears NW. and SE.
- 66.50 Leave heavy growth of timber, bears NW. and SE., and enter scattering aspen, fir and pine.
- 70.70 Stream of clear water, 2 lks. wide, 1 in. deep, in the bottom of ravine, course SW.; asc. SW. slope 30 ft.
- 72.60 Spur, slopes SE. about 2.00 chs. dist.; desc. 10 ft.
- 75.10 Draw, drains SE.; asc. general S. slope 125 ft. to sec. cor.
- 75.90 Leave timber, enter dense sagebrush undergrowth, bears NW. and SE.
- 77.50 Leave undergrowth, enter a heavy growth of fir and pine timber, bears NW. and SE.
- 79.60 Leave timber, enter dense sagebrush undergrowth, bears E. and W.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 22, 23, 26 and 27, with brass cap marked:

T9S R8E
 S22 S23
 S27 S26
 1927

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

from which,

A Douglas fir, 16 ins. diam., bears N.74°E., 358 lks. dist., marked T 9 S R 8 E S 23 B T.

An Alpine fir, 9 ins. diam., bears S.38°45'E., 202 lks. dist., marked T 9 S R 8 E S 26 B T.

A Douglas fir, 9 ins. diam., bears S.10°15'W., 179 lks. dist., marked T 9 S R 8 E S 27 B T.

A Douglas fir, 12 ins. diam., bears N.69°W., 313 lks. dist., marked T 9 S R 8 E S 22 B T.

Land, abrupt and mountainous, draining generally to the W. into a fork of the East Fork of White River Canyon; outcroppings of shale formation.

Soil, dark sandy loam or dark mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on shale; 1st. and 2nd. rate.

Timber, aspen, Douglas, Alpine and White fir, and limber pine.

Undergrowth, sagebrush, deer browse, yellow top, young aspen, fir and pine, rosebushes, currant, chokecherry and service berry bushes.

Excellent growth of grass and browse.

East, on a true line bet. secs. 23 and 26.

Over mountainous land, through a scattering growth of aspen, fir and pine timber, and dense undergrowth; asc. gradual SW. slope 15 ft.

3.90 Spur, slopes SE. about 8.00 chs. dist.; desc. 95 ft.

10.40 Enter a medium heavy growth of fir, pine and aspen timber, bears N. and S.

12.80 Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, course SW.; asc. abrupt general W. slope 455 ft. to closing sec. cor.

13.10 Trail, bears NE. and SW.

17.10 Leave undergrowth, enter a heavy growth of fir and pine timber, bears N. and S.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

- 19.10 Timber becomes scattering, enter medium dense undergrowth, bears NE. and SW.
- 21.00 Leave undergrowth, enter a heavy growth of aspen, and scattering fir and pine timber, bears NE. and SW.
- 28.00 Aspen timber becomes scattering, enter dense undergrowth, bears NW. and SE.
- 33.67 Intersect the boundary of the Uintah Indian Reservation, N. 6° 30' W. (record) 9.38 chs. dist. from the S. angle point on the 91st. mile, hereinafter described in these notes at the end of the subdivision; and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 23 and 26, T. 9 S., R. 8 E., with brass cap marked:

	T9S	UT5S
C	S23	I R10W
C	S26	R S27
	R8E	
	1927	

from which,

An aspen, 5 ins. diam., bears N. 41° W., 63

lks. dist., marked T 9 S R 8 E S 23 C C B T.

A Douglas fir, 12 ins. diam., bears S. 5° 30' W., 23

lks. dist., marked T 9 S R 8 E S 26 C C B T.

Land, mountainous, draining SW.; shale formation.

Soil, dark sandy loam or a dark mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on shale; 1st. and 2nd. rate. On top of the reservation divide the soil is a dark or blue clay.

Timber, Douglas fir, aspen, limber pine and Alpine fir.

Undergrowth, sagebrush, deer browse, yellow top, young aspen, currant bushes and rosebushes.

Good grazing land.

From the cor. of secs. 22, 23, 26 and 27,

North, on a true line bet. secs. 22 and 23.

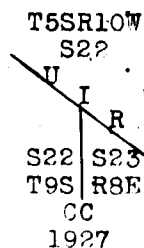
Survey of the Subdivision of T. 2 S. R. 3 E.

Chains.	
	Asc. abrupt general S. slope 405 ft., through dense undergrowth.
6.20	Enter a scattering growth of aspen, fir and pine timber,
10.30	Leave timber.
19.00	Knob or peak on top of spur, from N., projects SW.; desc. gradually 50 ft. to $\frac{1}{4}$ sec. cor., along the top of the spur.
35.00	Leave top of spur, bears N.20°W. and S.20°E.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	<div style="text-align: center;"> $\frac{1}{4}$ S 22 | S 23 1927 </div>
	from which,
	A Douglas fir, 6 ins. diam., bears N.46°45'E., 668 lks. dist., marked $\frac{1}{4}$ S 23 B T.
	A limber pine, 7 ins. diam., bears N.46°45'W., 373 lks. dist., marked $\frac{1}{4}$ S 22 B T.
45.00	Head of ravine, 10 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc. SE. slope 25 ft.
48.10	Top of same spur as noted at 19.00 chs., projects SW.; continue ascent of 135 ft. to closing sec. cor., along general SW. slope.
51.20	A main travelled trail, from the Middle Fork of White River Canyon to the top of the reservation divide, bears NW. and SE.
61.50	Enter a medium heavy growth of fir and pine timber, bears NW. and SE.
62.50	Leave medium heavy growth of timber, bears E. and W., and enter scattering fir, pine and aspen.
70.30	Intersect the boundary of the Uintah Indian Reservation, S.37°45'E. (record) 14.17 chs. dist. from the $\frac{1}{2}$ mile cor. on the 92nd. mile, hereinafter described in these notes at the end of the subdivision; and at the point of intersection, set an iron post, 3 ft. long, 2 ins.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

in diam., 27 ins. in the ground, for closing cor. of
secs. 22 and 23, T. 9 S., R. 8 E., with brass cap
marked:



from which,

A Douglas fir, 12 ins. diam., bears S.4°15'E., 110

lks. dist., marked T 9 S R 8 E S 23 C C R T.

A Douglas fir, 8 ins. diam., bears N.79°30'W., 70

lks. dist., marked T 9 S R 8 E S 22 C C R T.

Land, steep and mountainous, draining generally to the
SW.; shale formation.

Soil, sandy loam or a dark mountain loam, about 6 ins.

to 5 ft. deep, lying on a clay subsoil or on shale;

1st. to 3rd. rate. On the tops of some of the ridges

and spurs, the soil is a dark or blue clay.

Timber, Douglas, white and Alpine fir, aspen and limber
pine.

Undergrowth, sagebrush, deer browse, yellow top, young

aspen, fir and pine, and service berry bushes.

Good grazing of grass and browse.

From the cor. of secs. 33 and 34, on the S. bdy. of the
Tp., which is an iron post, 2 ins. in diam., extending
12 ins. above ground, firmly set in a mound of stone,
2 ft. base, 8 ins. high, correctly marked, and wit-
nessed by bearing trees as follows:

A Douglas fir, 24 ins. diam., bears N.69°30'E.,

103 lks. dist., marked T 9 S R 8 E S 34 B T.

A Douglas fir, 10 ins. diam., bears N.74°30'W.,

179 lks. dist., marked T 9 S R 8 E S 33 B T.

N.0°01'W., bet. secs. 33 and 34.

Over mountainous land, through a scattering growth of

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.	
	fir and aspen timber, and dense undergrowth; asc. S. slope 10 ft.
0.50	Spur, projects W. about 8.00 chs. dist., thence north-westerly; desc. abrupt N. slope 410 ft.
10.50	Leave undergrowth, enter a heavy growth of aspen timber, bears NE. and SW.
17.00	Leave timber, enter dense undergrowth, bears E. and W.
20.20	Leave undergrowth, enter a heavy growth of aspen timber, bears NE. and SW.
20.90	Draw, drains NE.; asc. 15 ft.
21.50	Leave timber, enter dense undergrowth, bears NE. and SW.
24.10	Spur, slopes NE. about 1.00 chs. dist.; desc. 45 ft.
25.50	Ravine, drains NW.; asc. S. slope 130 ft.
25.70	Leave undergrowth, enter a medium heavy growth of fir and scattering aspen timber, bears NW. and SE.
30.50	Fir timber becomes scattering, enter dense undergrowth, bears NW. and SE.
35.60	Spur, slopes W. about 5.00 chs. dist.; desc. NW. slope 35 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	$\begin{array}{c} \frac{1}{4} \\ \text{S } 33 \quad | \quad \text{S } 34 \\ 1927 \end{array}$
	from which,
	An aspen, 4 ins. diam., bears N. 41° 15' E., 58 lks. dist., marked $\frac{1}{4}$ S 34 B T.
	A limber pine, 9 ins. diam., bears N. 57° W., 170 lks. dist., marked $\frac{1}{4}$ S 33 B T.
40.10	Draw, 5 ft. below $\frac{1}{4}$ sec. cor., drains SW.; asc. steep S. slope 235 ft.
49.90	Spur, projects westerly approximately 40.00 chs. dist.; desc. N. slope 250 ft.
63.90	Draw, drains NW.; asc. 80 ft.
73.50	Enter a medium heavy growth of fir and pine timber, bears NW. and SE.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

76.50 Spur, projects NW: about 7.00 chs. dist.; desc. NE. slope
50 ft. to

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 27, 28, 33 and 34,
with brass cap marked:

T9S	R8E
S28	S27
S33	S34
1927	

from which;

A Douglas fir, 4 ins. diam., bears N.6°30'E., 28
lks. dist., marked T 9 S R 8 E S 27 B T.

A Douglas fir, 6 ins. diam., bears S.36°30'E., 128
lks. dist., marked T 9 S R 8 E S 34 B T.

A Douglas fir, 7 ins. diam., bears S.75°15'W., 17
lks. dist., marked T 9 S R 8 E S 33 B T.

A Douglas fir, 8 ins. diam., bears N.38°45'W., 49
lks. dist., marked T 9 S R 8 E S 28 B T.

Land, mountainous; shale formation; drainage SW. and NW.
into the East Fork of White River Canyon, S. 49.90 chs.;
N. 30.10 chs. drain NW. into a fork of the East Fork
of White River Canyon.

Soil, sandy loam or a dark mountain loam, about 1 to 4
ft. deep, lying on a clay subsoil or on shale; 1st. and
2nd. rate.

Timber, aspen, Douglas, white and Alpine fir, limber
pine and a few red cedar.

Undergrowth, deer browse, sagebrush, yellow top, young
aspen, fir and pine, rosebushes, currant, chokecherry
and service berry bushes.

Excellent growth of grass and browse.

East, on a random line bet: secs. 27 and 34.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.04 Intersect N. and S. line, at the cor. of secs. 26, 27,
34 and 35.

Thence,

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

- West, on a true line bet. secs. 27 and 34.
- Desc. general W. slope 75 ft., through dense undergrowth
- 1.80 Undergrowth becomes scattering; enter a medium heavy growth of aspen timber, bears NW. and SE.
- 4.00 Draw, drains NW.; asc. 40 ft.
- 4.80 Leave timber, bears NE. and SW., and enter scattering undergrowth.
- 10.50 Spur, projects NW. approximately 20.00 chs. dist.; enter a scattering growth of aspen and fir timber; desc. 175 ft.
- 19.00 Draw, drains NW.; asc. 10 ft.
- 20.40 Spur, slopes NE. about 2.00 chs. dist.; desc. 95 ft.
- 20.60 Leave undergrowth, enter a heavy growth of aspen timber, bears NE. and SW.
- 20.10 Draw, drains N.; asc. 75 ft.
- 23.80 Leave heavy growth of aspen timber, bears NW. and SW., and enter scattering.
- 30.40 Spur, projects northwesterly approximately 20.00 chs. dist.; desc. 65 ft.
- 32.40 Enter a heavy growth of aspen timber, bears NW. and SE.
- 37.00 Draw, drains NW.; asc. gradual N. slope 10 ft. to $\frac{1}{4}$ sec. cor.
- 38.60 Leave heavy growth of timber, bears NW. and SE., and enter scattering aspen and fir.
- 38.70 Enter dense undergrowth, bears NW. and SE.
- 40.02 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 27 \\ \frac{1}{4} \overline{) } \\ S\ 34 \\ 1927 \end{array}$$

from which,

An aspen, 4 ins. diam., bears N.61°45'E., 107 lks. dist., marked $\frac{1}{4}$ S 27 B T.

An aspen, 7 ins. diam., bears S.55°E., 93 lks. dist., marked $\frac{1}{4}$ S 34 B T.

- 46.00 Spur, 20 ft. above $\frac{1}{4}$ sec. cor., projects N. approximate-

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.	ly 20.00 chs. dist.; desc. abruptly 330 ft.
47.70	Leave undergrowth, bears NW. and SE.
58.50	Ravine, drains N.; precipitous ascent of 340 ft. over NE. slope.
58.80	Trail, bears NE. and SW.
61.20	Enter a heavy growth of aspen timber, bears NE. and SW.
62.60	Leave timber, enter dense undergrowth, bears N. and S.
68.90	Spur, projects N.30°W. approximately 25.00 chs. dist.; desc. abrupt SW. slope 210 ft. to sec. cor.
70.00	Enter a medium heavy growth of fir, aspen and pine timber, bears N. and S.; undergrowth becomes more scattering.
80.04	The cor. of secs. 27, 28, 33 and 34. Land, mountainous, draining NW. into a fork of the East Fork of White River Canyon; shale formation. Soil, sandy loam or a dark mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on shale; 1st. and 2nd. rate. Timber, aspen, Douglas, white and Alpine fir, and limber pine. Undergrowth, sagebrush, deer browse, yellow top, young aspen, rosebushes, currant, chokecherry and service-berry bushes. Fair to an excellent growth of grass and browse.
	N.0°01'W., bet. secs. 27 and 28. Over mountainous land, through a heavy growth of fir, pine and aspen timber, and dense undergrowth; desc. NE. slope 20 ft.
1.80	Head of draw, drains NW.; asc. 15 ft.
4.60	Spur, projects NW. approximately 12.00 chs. dist.; desc. abruptly 355 ft.
22.10	Leave timber, bears NW. and SE.
23.20	Stream of clear water, 4 lks. wide, 3 ins. deep, in the bottom of a fork of the East Fork of White River Canyon, course W.; asc. steep SE. slope 150 ft.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.	
24.20	Trail, bears E. and W.
25.00	A spring of good clear water bears E. about 1.70 chs. dist.
27.30	Enter a medium heavy growth of pine and patches of aspen timber, bears NW. and SE.
29.00	Spur, slopes SW. about 5.00 chs. dist.; asc. 120 ft. across the head of draw, draining W.
39.00	Spur, projects NW. approximately 10.00 chs. dist.; desc. NE. slope 15 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	$\begin{array}{c} \frac{1}{4} \\ S\ 28 \quad | \quad S\ 27 \\ 1927 \end{array}$
	from which,
	An aspen, 4 ins. diam., bears S.40°45'E., 27 lks, dist., marked $\frac{1}{4}$ S 27 B T. ✓
	An aspen, 4 ins. diam., bears S.32°30'W., 11 lks. dist., marked $\frac{1}{4}$ S 28 B T. ✓
42.30	Draw, 70 ft. below $\frac{1}{4}$ sec. cor., drains NW.; asc. S. slope 80 ft.
45.80	Enter a medium heavy growth of fir timber, bears NW. and SE.
48.50	Spur, slopes W. about 7.00 chs. dist.; desc. 70 ft.
58.30	Draw, drains W.; asc. 85 ft.
64.80	Spur, slopes W. about 7.00 chs. dist.; desc. 30 ft.
70.80	Draw, drains W.; asc. 50 ft.
75.30	Spur, slopes W. about 7.00 chs. dist.; desc. N. slope 10 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 21, 22, 27 and 28, with brass cap marked:

T9S	R8E
S21	S22
S28	S27
1927	

from which,

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

An aspen, 5 ins. diam., bears N.72°15'E., 15
lks. dist., marked T 9 S R 8 E S 22 B T.

An aspen, 5 ins. diam., bears S.68°E., 25
lks. dist., marked T 9 S R 8 E S 27 B T.

An aspen, 4 ins. diam., bears S.78°30'W., 10
lks. dist., marked T 9 S R 8 E S 28 B T.

An aspen, 5 ins. diam., bears N.25°15'W., 35
lks. dist., marked T 9 S R 8 E S 21 B T.

Land, mountainous, draining generally to the S.; shale
formation.

Soil, sandy loam or a dark mountain loam, varying in
depth from a few ins. to several ft., lying on a clay
subsoil or on shale; 1st. and 2nd. rate.

Timber, aspen, Douglas, white and Alpine fir, limber
pine and blue spruce.

Undergrowth, sagebrush, deer browse, yellow top, young
aspen, fir and pine, rosebushes, currant, chokecherry
and service berry bushes. Dense willows grow along the
bottoms of canyons.

Fair to an excellent growth of grass and browse.

East, on a random line bet. secs. 22 and 27.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

80.06 Intersect N. and S. line at the cor. of secs. 22, 23, 26
and 27.

Thence,

West, on a true line bet. secs. 22 and 27.

Over mountainous land, through a scattering growth of fir,
pine and aspen timber, and dense undergrowth; desc.
gradual SW. slope 15 ft.

4.80 Draw, drains SE.; asc. general E. slope 90 ft.

5.00 Enter a medium heavy growth of fir, aspen and pine timber,
bears NW. and SE.

9.00 Leave aspen timber, bears N. and S.

12.00 Spur, projects S. about 10.00 chs. dist.; leave fir and

Survey of the Subdivision of T. 2 S., R. 8 E.

- Chains. pine, and enter a medium heavy growth of aspen timber, bears NE. and SW.; desc. 10 ft.
- 15.40 Draw, drains SE.; asc. SE. slope 85 ft.
- 16.40 Undergrowth becomes scattering, bearing NE. and SW.
- 19.10 Leave timber, enter dense undergrowth, bears NE. and SW.
- 19.80 Spur, projects SW. approximately 25.00 chs. dist.; desc. 175 ft. across the head of draw, to the top of spur.
- 21.80 Undergrowth becomes scattering; enter a medium heavy growth of fir and pine timber, bears NE. and SW.
- 24.00 Timber becomes scattering; enter dense undergrowth, bears NE. and SW.
- 27.40 Head of the draw, drains SW.
- 31.00 Spur, slopes SW. about 7.00 chs. dist.; desc. general W. slope 240 ft. to the true point for the $\frac{1}{4}$ sec. cor.
- 37.10 Enter a heavy growth of aspen timber, bears N. and S.
- 38.80 Leave timber, bears NW. and SE.
- 40.57 True point for $\frac{1}{4}$ sec. cor. falls in a stream of clear water, 2 lks. wide, 2 ins. deep, in the bottom of a fork of the East Fork of White River Canyon, course S.15°E.; cor. not set; asc. SE. slope 10 ft. to
- 41.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for witness $\frac{1}{4}$ sec. cor., with brass cap marked:
- | | |
|----------------------|--|
| S 22 | |
| $\frac{1}{4}$ ——— WC | |
| S 27 | |
| 1927 | |
- from which,
- An aspen, 4 ins. diam., bears N.8°30'E., 25 lks. dist., marked WC $\frac{1}{4}$ S 22 B T.
- An aspen, 6 ins. diam., bears S.20°E., 46 lks. dist., marked WC $\frac{1}{4}$ S 27 B T.
- 40.55 Leave undergrowth, enter a heavy growth of aspen timber, bears NW. and SE.
- 44.40 Spur, slopes NE. about 4.00 chs. dist., 85 ft. above the witness $\frac{1}{4}$ sec. cor.; desc. 10 ft.
- 45.50 Draw, drains NE.; asc. NE. slope 160 ft.
- 48.50 Leave heavy growth of timber, bears NE. and SW., and

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.	
	enter scattering aspen and fir.
50.60	Enter dense undergrowth, bears NW. and SE.
52.00	Spur, slopes SE. about 5.00 chs. dist.; leave under- growth, enter a medium heavy growth of aspen timber, bears NW. and SE.; desc. 10 ft.
53.90	Head of draw, drains SE. about 4.00 chs. dist., thence NE.; asc. E. slope 55 ft.
55.00	Leave medium heavy growth of aspen timber, bears N. and S., and enter scattering aspen, fir and dense under- growth.
59.20	Spur, projects S.; desc. W. slope 240 ft. to draw.
65.90	Enter a medium heavy growth of aspen timber, bears NW. and SE.
73.70	Head of draw, drains NW.; continue descent of 55 ft. to
80.06	The cor. of secs. 21, 22, 27 and 28. Land, mountainous, draining generally to the S. and SW.; shale formation. Soil, dark sandy loam or a dark mountain loam, about 1 to 6 ft. deep, lying on a clay subsoil or on shale; 1st. and 2nd. rate. Timber, aspen, Douglas, white and Alpine fir, and limber pine. Undergrowth, sagebrush, deer browse, yellow top, young aspen, currant and service berry bushes. Excellent grazing land.
	N. 0° 01' W., bet. secs. 21 and 22. Desc. N. slope 55 ft., through a scattering growth of fir and patches of aspen timber, and dense undergrowth.
4.48	Draw, drains W.; asc. 25 ft.
6.90	Spur, slopes W. about 7.00 chs. dist.; desc. 25 ft.
13.20	Draw, drains W.; asc. 75 ft.
17.80	Spur, slopes SW. about 8.00 chs. dist.; desc. 75 ft.
30.80	A main travelled trail, from the Middle Fork of White River Canyon to the top of the reservation divide, bears NE. and SW.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.	
31.80	Dry wash, 8 lks. wide, 4 ft. deep, in the bottom of ravine, drains SW.; asc. 140 ft.
38.50	Spur, projects SW. about 7.00 chs. dist.; continue ascent of 10 ft. to $\frac{1}{4}$ sec. cor., along W. slope of the spur.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	$ \begin{array}{c} \frac{1}{4} \\ \text{S } 21 \quad | \quad \text{S } 22 \\ 1927 \end{array} $
	from which,
	An aspen, 4 ins. diam., bears N.78°E., 142 lks. dist., marked $\frac{1}{4}$ S 22 B T.
	An aspen, 4 ins. diam., bears N.13°15'W., 112 lks. dist., marked $\frac{1}{4}$ S 21 B T.
	From this $\frac{1}{4}$ sec. cor., the W. end of a vat, which is used for dipping sheep, bears S.28°26'W. 15.55 chs. dist. A sheep corral, 110 by 285 lks., constructed of lumber, adjoins the vat on the N. Also, from this $\frac{1}{4}$ sec. cor., a spring of good clear water, bears N.50°W. 3.50 chs. dist.
48.30	Top of ascent, 60 ft. above $\frac{1}{4}$ sec. cor., bears E. and W.; desc. NW. slope 35 ft.
54.70	Draw, drains SW.; asc. 65 ft.
57.40	Spur, slopes SW. about 7.00 chs. dist.; desc. 50 ft.
59.40	Draw, drains W.; asc. 85 ft.
62.00	Spur, slopes W. about 5.00 chs. dist.; desc. 35 ft.
70.30	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of draw, course SW.; asc. 180 ft.
79.00	Spur, slopes SW. about 7.00 chs. dist.; enter a heavy growth of fir and pine timber, bears NE. and SW.; desc. NW. slope 10 ft. to
80.00	Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 15, 16, 21 and 22, with brass cap marked:

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

T9S	R8E ✓
S16	S15
S21	S22

1927

from which,

A white fir, 10 ins. diam., bears N.2°15'E., 75 lks. dist., marked T 9 S R 8 E S 15 B T.

A white fir, 12 ins. diam., bears S.44°E., 30 lks. dist., marked T 9 S R 8 E S 22 B T.

A white fir, 6 ins. diam., bears S.14°15'W., 55 lks. dist., marked T 9 S R 8 E S 21 B T.

A Douglas fir, 12 ins. diam., bears N.4°W., 80 lks. dist., marked T 9 S R 8 E S 16 B T.

Land, mountainous, draining generally to the S. by a fork of the East Fork of White River Canyon; shale formation.

Soil, dark sandy loam or a dark mountain loam, about 1 to 6 ft. deep, lying on a clay subsoil or on shale; 1st. and 2nd. rate.

Timber, aspen, Douglas, white and Alpine fir, and limber pine.

Undergrowth, sagebrush, deer browse, yellow top, young aspen, fir and pine, currant, chokecherry and service berry bushes.

Excellent growth of grass and browse.

East, on a true line bet. secs. 15 and 22.

Asc. NW. slope 55 ft., through a medium heavy growth of fir and pine timber, and dense undergrowth.

2.10 Spur, projects SW.; desc. 60 ft.

4.30 Draw, drains SW.; asc. abruptly 420 ft.

17.30 Spur, projects S.15°W.; desc. 25 ft.

18.20 Draw, drains SW.; asc. 60 ft.

22.70 Spur, projects S.15°W. about 10.00 chs. dist.; desc. 70 ft.

27.20 Draw, drains S.15°W.; asc. precipitous general W. slope 340 ft. to $\frac{1}{4}$ sec. cor.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

- 29.30 Enter a heavy growth of fir and pine timber, bears NE. and SW.
- 35.00 Leave heavy growth of fir and pine timber, bears NW. and SE., and enter scattering.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{r} S\ 15 \\ \hline S\ 22 \\ 1927 \end{array}$$
- from which,
- A Douglas fir, 12 ins. diam., bears N.69°15'W.,
185 lks. dist., marked $\frac{1}{4}$ S 15 B T.

A Douglas fir, 16 ins. diam., bears S.60°15'W.,
48 lks. dist., marked $\frac{1}{4}$ S 22 B T.
- 42.60 Spur, 10 ft. above $\frac{1}{4}$ sec. cor., projects S.10°W.; desc. 65 ft.
- 45.90 Draw, drains S.15°W.; asc. 10 ft.
- 48.50 Enter a medium heavy growth of fir and pine, and patches of aspen timber, bears NE. and SW.
- 50.90 Spur, projects S. approximately 40.00 chs. dist.; desc. 175 ft.
- 53.50 Leave medium heavy growth of fir and pine timber, bears N. and S., and enter scattering.
- 57.60 Leave aspen timber, bears N. and S.
- 57.70 Draw, drains S.; asc. abruptly 325 ft.
- 59.50 Enter a heavy growth of fir timber, bears N. and S.
- 62.50 Leave heavy growth of fir, bears NW. and SE., and enter scattering fir and pine timber.
- 71.30 Spur, projects S. about 12.00 chs. dist.; desc. gradually 10 ft. to
- 72.60 Intersect the boundary of the Uintah Indian Reservation, S.37°45'E. (record) 1.89 chs. dist. from the $\frac{1}{2}$ mile cor. on the 92nd. mile, hereinafter described in these notes at the end of the subdivision; and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 22 ins. in the ground to solid rock, and in

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

a mound of stone, $3\frac{1}{2}$ ft. base, 1 ft. high, for closing cor. of secs. 15 and 22, T. 9 S., R. 8 E., with brass cap marked:

$\begin{array}{c} \text{T9S} \backslash \text{U T5S} \\ \text{G S15} \cdot \text{I R10W} \\ \text{C S22} \cdot \text{R S22} \\ \cdot \text{R8E} \\ 1927 \end{array}$

from which,

A Douglas fir, 8 ins. diam., bears S. $21^{\circ}45'$ W., 15 lks. dist., marked T 9 S R 8 E S 22 C C B T.

A Douglas fir, 14 ins. diam., bears N. 59° W., 18 lks. dist., marked T 9 S R 8 E S 15 C C B T.

Land, mountainous, abrupt slopes with outcroppings of shale formation; drainage S. and SW.

Soil, sandy loam or a dark mountain loam, about 1 to 6 ft. deep, lying on a clay subsoil or on shale; 1st. to 3rd. rate. On some of the spurs and ridges, the soil is a dark or blue clay.

Timber, Douglas and white fir, limber pine and aspen.

Undergrowth, sagebrush, deer browse, yellow top, young aspen, fir and pine, currant, chokecherry and service berry bushes.

Fair grazing of grass and browse.

From the cor. of secs. 15, 16, 21 and 22,

North,, on a true line bet. secs. 15 and 16.

Desc. NW. slope 40 ft., through a medium heavy growth of fir, pine and aspen timber, and dense undergrowth.

10.10 Stream of clear water, 1 lk. wide, 1 in. deep, from spring which bears E. about 1.00 chs. dist., in the bottom of draw, course W.; asc. SE. slope 85 ft.

10.20 Leave timber, bears NE. and SW.

12.00 Undergrowth becomes more scattering; enter a heavy growth of aspen timber, bears NE. and SW.

19.60 Spur, slopes SW. about 1.00 chs. dist.; desc. 15 ft.

20.90 Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, course SW.; asc. precipitous general

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

SW. slope 475 ft. to the $\frac{1}{4}$ sec. cor.

21.10 Aspen timber becomes scattering; enter a heavy growth of fir and pine, bears NE. and SW.

38.00 Leave fir and pine timber, and enter a heavy growth of aspen, bears NE. and SW.

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$ ✓
 S 16 S 15
 1927.

from which,

An aspen, 5 ins. diam., bears S.40°45'E., 32
lks. dist., marked $\frac{1}{4}$ S 15 B T.

An aspen, 5 ins. diam., bears S.48°W., 10
lks. dist., marked $\frac{1}{4}$ S 16 B T.

41.60 Enter a medium heavy growth of fir and pine timber, bears NW. and SE.

53.20 Leave fir and pine timber, bears NW. and SE.

61.50 Leave aspen timber, and enter dense undergrowth, bears NW. and SE.

62.80 Trail, bears NW. and SE.

64.50 Leave undergrowth, bears NW. and SE.

67.84 Intersect the boundary of the Uintah Indian Reservation, S.31°E. (record) 14.89 chs. dist. from the 93rd. mile cor. ~~xxxxxx~~ ~~xxxxxx~~, hereinafter described in these notes at the end of the subdivision; and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 15 and 16, T. 9 S., R. 8 E., with brass cap marked:

T5S
 U I R
 S16 S15 S16
 T9S R8E
 CC
 1927

and raise a mound of stone, 2½ ft. base, 1½ ft. high, S. of cor.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

This cor. stands on top of the main divide, bearing NW. and SE., bet. the Strawberry River drainage on the N. and the White River drainage on the S., 475 ft. above the $\frac{1}{4}$ sec. cor.

Land, steep and mountainous, draining generally to the S.; shale formation.

Soil, sandy loam or a dark mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on shale; 1st. and 2nd. rate.

Timber, aspen, Douglas, Alpine and white fir, and limber pine.

Undergrowth, sagebrush, deer browse, yellow top, young aspen, fir and pine, currant, chokecherry and service berry bushes.

Excellent growth of grass and browse.

From the cor. of secs. 32 and 33, on the S. bdy. of the Tp., which is an iron post, 2 ins. in diam., extending 12 ins. above ground, firmly set, correctly marked and witnessed by bearing trees as follows:

An aspen, 3 ins. diam., bears N.23°30'E., 44 lks. dist., marked S 33 B T.

An aspen, 4 ins. diam., bears N.60°15'W., 36 lks. dist., marked T 9 S R 8 E S 32 B T.

N.0°01'W., bet. secs. 32 and 33.

Over mountainous land, through a heavy growth of aspen timber and dense undergrowth; asc. SW. slope 50 ft.

2.40 Leave timber, bears E. and W.

4.90 Enter a heavy growth of aspen timber, bears NE. and SW.

5.00 Spur, projects SE.; enter a scattering growth of fir, pine and spruce timber; desc. 75 ft.

14.70 Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, drains SE.; asc. abrupt SW. slope 510 ft.

21.20 Leave timber, bears E. and NW.

Survey of the Subdivision of T. 9 S. R. 8 E.

- Chains.
- 38.50 Spur, projects SE. approximately 30.00 chs. dist.; desc.
25 ft. along E. slope to
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- $$\begin{array}{c} \frac{1}{4} \\ \uparrow \\ \text{S } 32^\circ \quad \text{S } 33^\circ \\ | \\ 1927 \end{array}$$
- from which,
- A Douglas fir, 5 ins. diam., bears N. $0^\circ 45'$ E., 280
lks. dist., marked $\frac{1}{4}$ S 33 B T.
- A Douglas fir, 24 ins. diam., bears N. $43^\circ 45'$ W.,
396 lks. dist., marked $\frac{1}{4}$ S 32 B T.
- 45.00 Head of draw, 10 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc.
SE. slope 210 ft.
- 53.90 Spur, projects E. about 12.00 chs. dist., then forks NE.
and SE.; desc. 190 ft. to sec. cor., along the top of
spur, projecting N.
- 54.20 Enter a medium heavy growth of aspen and fir timber,
bears NW. and SE.
- 57.10 Leave medium growth of aspen and fir timber, bears NE.
and SW., and enter scattering.
- 65.00 Enter a heavy growth of aspen and fir timber, bears NE.
and SW.
- 73.40 Leave timber, bears NE. and SW.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 28, 29, 32 and 33,
with brass cap marked:

T9S	R8E
S29	S28
S32	S33
1927	

from which,

A Douglas fir, 14 ins. diam., bears N. 76° E., 270
lks. dist., marked T 9 S R 8 E S 28 B T.

A Douglas fir, 14 ins. diam., bears S. 74° E., 234
lks. dist., marked T 9 S R 8 E S 33 B T.

A Douglas fir, 16 ins. diam., bears S. $65^\circ 30'$ W.,
348 lks. dist., marked T 9 S R 8 E S 32 B T.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

An aspen, 6 ins. diam., bears N.8°W., 182

lks. dist., marked T 9 S R 8 E S 29 B T.

Land, mountainous with outcroppings of shale formation; drainage SE. into the East Fork of White River Canyon, S. 53.90 chs.; N. 26.10 chs. drain NE. into a fork of the East Fork of White River Canyon.

Soil, sandy loam or a dark mountain loam, about 1 to 6 ft. deep, lying on a clay subsoil or on shale; 1st. and 2nd. rate.

Timber, aspen, Douglas and Alpine fir, limber pine and blue spruce. Also, a few scattering red cedar.

Undergrowth, sagebrush, deer browse, yellow top, oak brush, young aspen, rosebushes, currant, chokecherry and service berry bushes.

Excellent grazing land.

East, on a random line bet. secs. 28 and 33.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

79.96 Intersect N. and S. line, 5 lks. S. of the cor. of secs. 27, 28, 33 and 34.

Thence,

S.89°58'W., on a true line bet. secs. 28 and 33.

Desc. steep general W. slope 415 ft., through a heavy growth of fir, pine and aspen timber, and dense undergrowth.

6.70 Leave timber, bears NW. and SW.

8.80 Enter a medium heavy growth of fir and pine timber, bears NE. and SE.

11.40 Leave timber, bears N. and S.

12.20 A main travelled trail, bears N. and S.

12.40 Leave undergrowth, bears N.20°E. and S.20°W., at the bottom of descent, bearing N.20°E. and S.20°W.; over nearly level bottom of a fork of the East Fork of White River Canyon, through a dense growth of tall willows.

12.50 Stream of clear water, 7 lks. wide, 6 ins. deep, course S.20°W.

Survey of the Subintendant's Office

Chains.

- 14.40 Leave undergrowth of willows, bears N.20°E. and S.20°W.;
- 14.50 Leave bottom of canyon, bears N.20°E. and S.20°W.; begin precipitous ascent of 455 ft., over E. slope, through dense undergrowth.
- 28.00 Spur, projects S. approximately 20.00 chs. dist.; desc. abrupt W. slope 415 ft. to $\frac{1}{4}$ sec. cor.
- 31.50 Enter a medium heavy growth of fir, pine and cedar timber, bears N. and S.
- 39.95 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass tap marked:

S 28
 $\frac{1}{4}$ —————
S 33
1927

from which,

A Douglas fir, 3 ins. diam., bears N.25°45'W., 10 lks. dist., marked $\frac{1}{4}$ B T.

A Douglas fir, 4 ins. diam., bears S.49°15'E., 19 lks. dist., marked $\frac{1}{4}$ S 33 B T.

- 40.50 Leave undergrowth, bears N.20°W. and S.20°E., and enter a dense growth of tall willows, at the base of descent, bearing N.20°W. and S.20°E.; over level bottom of a fork of the East Fork of White River Canyon.
- 41.20 Stream of clear water, 2 lks. wide, 2 ins. deep; course S.20°E., 25 ft. below $\frac{1}{4}$ sec. cor.
- 42.00 Leave willows, enter dense undergrowth, bears N.20°W. and S.20°E.
- 42.10 Leave bottom of canyon, bears N.20°W. and S.20°E.; begin steep ascent of 310 ft., over SE. slope.
- 51.70 Spur, projects NE. about 12.00 chs. dist.; desc. 55 ft.
- 53.50 Enter a heavy growth of aspen timber, bears NE. and SW.; undergrowth becomes scattering.
- 55.80 Leave aspen, enter a heavy growth of fir timber, bears NE. and SW.
- 58.00 Draw, drains NE.; asc. general E. slope 320 ft. to sec. cor.
- 59.50 Leave heavy growth of timber, bears NE. and SW.; enter scattering.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.	
62.60	Enter a heavy growth of aspen timber, bears NE. and SW.
68.20	Leave timber, enter dense undergrowth, bears NE. and SW.
68.90	Leave undergrowth, enter a heavy growth of fir and scattering aspen timber, bears NE. and SW.
76.20	Leave timber, enter dense undergrowth, bears N. and S.
79.96	The cor. of secs. 28, 29, 32 and 33.
	Land, mountainous, draining generally to the S.; abrupt slopes with outcroppings of shale formation.
	Soil, dark sandy loam or a dark mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.
	Timber, aspen, Douglas, white and Alpine fir, limber pine, blue spruce and a few red cedar.
	Undergrowth, sagebrush, deer browse, young aspen, pine and fir, currant, chokecherry and service berry bushes, and willows.
	Excellent growth of grass and browse.
	N. 0° 01' W., bet. secs. 28 and 29.
	Desc. 295 ft. along the top of spur, sloping N., through a scattering growth of fir, pine and aspen timber, and dense undergrowth.
14.50	Enter a heavy growth of aspen timber, bears NW. and SE.
16.60	Leave timber, bears NW. and SE.
21.20	Ravine, drains N. 70° E.; asc. abrupt SE. slope 125 ft.
26.00	Trail, bears N. 70° E. and S. 70° W., on top of spur, projecting N. 70° E. approximately 20.00 chs. dist.; desc. 140 ft.
26.50	Leave undergrowth, enter a heavy growth of fir, and scattering aspen, pine and spruce timber, bears NE. and SW.
36.60	Draw, drains NE.; asc. gradually 10 ft. to $\frac{1}{4}$ sec. cor.
36.70	Fir timber becomes scattering; enter dense undergrowth, bears NE. and SW.
40.00	On top of spur, projecting N. 70° E. about 6.00 chs. dist.,

Survey of the Subdivision of T. 9 S. R. 8 E.

Chains.	
	set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked
	$\begin{array}{c} \frac{1}{4} \\ \text{S } 29 \mid \text{S } 28 \\ 1927 \end{array}$
	from which,
	An Alpine fir, 6 ins. diam., bears S. $57^{\circ}15'E.$, 112 lks. dist., marked $\frac{1}{4}$ S 28 B T.
	A blue spruce, 8 ins. diam., bears N. $81^{\circ}W.$, 67 lks. dist., marked $\frac{1}{4}$ S 29 B T.
41.00	Leave undergrowth, enter a medium heavy growth of aspen timber, bears NE. and SW.
44.00	Leave timber, enter dense undergrowth, bears NE. and SW.
46.10	Draw, 55 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc. SW. slope 125 ft.
47.50	Leave undergrowth, enter a medium heavy growth of aspen timber, bears NE. and SW.
50.50	Leave timber, enter dense undergrowth, bears E. and W.
52.50	Spur, projects SE. about 15.00 chs. dist.; asc. 10 ft. to the top of spur, across the head of draw, draining E.
53.40	Leave undergrowth, enter a medium heavy growth of aspen and fir timber, bears NW. and SE.
56.20	Spur, projects NE. approximately 12.00 chs. dist.; desc. 115 ft.
65.80	Draw, drains easterly; asc. SW. slope 35 ft.
66.00	Leave timber, enter dense undergrowth, bears NE. and SW.
67.40	Leave undergrowth, enter a heavy growth of aspen, fir, spruce and pine timber, bears NE. and SW.
68.50	Spur, slopes SE. about 5.00 chs. dist.; desc. NE. slope 45 ft.
74.30	Leave timber, bears NW. and SE.
74.50	Enter dense growth of willows, bears NW. and SE.
76.80	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of a fork of the East Fork of White River Can-

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

yon, course SE.; asc. W. slope 35 ft. to sec. cor.

78.60 Leave undergrowth of willows, bears NW. and SE.

79.10 Enter a medium heavy growth of aspen timber and undergrowth, bears NW. and SE.

80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 20, 21, 28 and 29, with brass cap marked:

T9S	R8E
S20	S21
S29	S28
1927	

from which,

A limber pine, 24 ins. diam., bears N.68°E., 87 lks. dist., marked T 9 S R 8 E S 21 B T.

An aspen, 3 ins. diam., bears S.45°E., 18 lks. dist., marked B.T.

An aspen, 4 ins. diam., bears S.88°30'W., 27 lks. dist., marked T 9 S R 8 E S 29 B T.

An aspen, 6 ins. diam., bears N.38°W., 89 lks. dist., marked T 9 S R 8 E S 20 B T.

Land, mountainous, draining generally to the S.; outcroppings of shale formation.

Soil, dark sandy loam or a dark mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on shale; 1st. and 2nd. rate.

Timber, Douglas, Alpine and white fir, aspen, limber pine and blue spruce.

Undergrowth, sagebrush, deer browse, yellow top, young aspen and fir, willows, rosebushes, currant, choke cherry and service berry bushes.

Good grazing of grass and browse.

N.89°58'E., on a random line bet. secs. 21 and 28.

40.00 Set temp. $\frac{1}{2}$ sec. cor.

79.96 Intersect N. and S. line, .7 lks. S. of the cor. of secs. 21, 22, 27 and 28.

Thence,

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.	
	S. $89^{\circ}55'W.$, on a true line bet. secs. 21 and 28.
	Over mountainous land, through a scattering growth of aspen and fir timber, and dense undergrowth; desc. general W. slope 125 ft.
8.60	Leave undergrowth, bears N. and S., at the base of descent, bearing NW. and SE.; over nearly level bottom of a fork of the East Fork of White River Canyon, through a dense growth of tall willows.
9.10	Stream of clear water, 5 lks. wide, 6 ins. deep, course S.
10.10	Leave willows, enter dense undergrowth, bears N. and S.
10.60	Old road, bears N. and S.
11.50	Leave bottom of canyon, bears N. $10^{\circ}W.$ and S. $10^{\circ}E.$; begin ascent of 345 ft., over abrupt NE. slope.
12.50	Leave undergrowth, enter a medium heavy growth of aspen timber, bears N. and S.
16.00	Leave timber, enter dense undergrowth, bears NE. and SW.
17.80	Undergrowth becomes scattering; enter a heavy growth of aspen timber, bears N. and S.
25.20	Leave aspen timber, bears NE. and SW.; continue through scattering fir and undergrowth.
25.90	Spur, projects S. $15^{\circ}E.$ approximately 30.00 chs. dist.; desc. SW. slope 210 ft.
29.60	Leave fir and undergrowth, and enter a medium heavy growth of aspen timber, bears NW. and SE.
32.90	Leave timber, enter dense undergrowth, bears NE. and SW.
35.10	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of ravine, course S. $15^{\circ}E.$; asc. 120 ft. to $\frac{1}{4}$ sec. cor., over SE. slope.
35.40	Trail, bears NW. and SE.
35.70	Leave undergrowth, enter a heavy growth of aspen timber, bears NW. and SE.
39.98	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

S. 21 ✓
 $\frac{1}{4}$ S. 28
 1927

from which,

An aspen, 5 ins. diam., bears N.58°30'E., 16

lks. dist., marked $\frac{1}{4}$ S 21 B T.

An aspen, 4 ins. diam., bears S.34°30'W., 8

lks. dist., marked $\frac{1}{4}$ S 28 B T.

- 41.40 Leave heavy growth of timber, bears NE. and SW., and enter scattering aspen, fir and dense undergrowth.
- 44.00 Leave undergrowth, enter a heavy growth of fir timber, bears NE. and SW.
- 45.50 Spur, 90 ft. above $\frac{1}{4}$ sec. cor., projects NE. approximately 12.00 chs. dist.; leave scattering aspen timber; desc. 15 ft.
- 50.80 Head of draw, drains NE.; asc. NE. slope 95 ft.
- 52.00 Leave fir timber, bears NE. and SW., enter a heavy growth of aspen and dense undergrowth.
- 54.00 Leave heavy growth of timber, bears NE. and SW., and enter scattering aspen and fir.
- 56.50 Spur, projects southeasterly; desc. abruptly 265 ft.
- 71.50 Draw, drains S.15°W.; asc. 75 ft.
- 75.60 Spur, projects S. about 5.00 chs. dist.; desc. W. slope 90 ft. to
- 79.96 The cor. of secs. 20, 21, 28 and 29.
- Land, mountainous, draining generally to the S.; shale formation.
- Soil, sandy loam or a dark mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on shale; 1st. and 2nd. rate.
- Timber, aspen, Douglas, Alpine and white fir, limber pine and blue spruce.
- Undergrowth, sagebrush, deer browse, yellow top, young aspen, fir and pine, willows, currant, chokecherry and service berry bushes.
- Excellent grazing land.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.	
	N.0°01'W., bet. secs. 20 and 21.
	Asc. 40 ft. along W. slope, through a medium heavy growth of aspen, scattering fir and pine timber, and 'dense undergrowth.'
7.30	Top of ascent, bears E. and W.; desc. gradually 15 ft.
10.70	Draw, drains SW.; asc. 100 ft.
12.00	Leave aspen timber, bears NE. and SW.
15.80	Spur, slopes W. about 3.00 chs. dist.; desc. 15 ft.
17.80	Draw, drains SW.; asc. abrupt SW. slope 330 ft.
18.50	A main travelled trail, from the Middle Fork of White River Canyon to the top of the reservation divide, bears NE. and SW.
28.20	Enter a heavy growth of aspen timber, bears NE. and SW.
31.50	Leave aspen timber, bears E. and W.
35.30	Spur, projects SE.; desc. NE. slope 15 ft. to $\frac{1}{4}$ sec. cor.
37.80	Leave undergrowth, enter a heavy growth of fir and pine timber, bears NW. and SE.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	$\begin{array}{c} \frac{1}{4} \\ | \\ S\ 20 \quad S\ 21 \\ | \\ 1927 \end{array}$
	from which,
	A Douglas fir, 12 ins. diam., bears S.20°15'E., 52 lks. dist., marked $\frac{1}{4}$ S 21 B T.
	A Douglas fir, 12 ins. diam., bears S.89°W., 39 lks. dist., marked $\frac{1}{4}$ S 20 B T.
41.20	Head of ravine, 10 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc. 85 ft.
42.70	Leave timber, enter dense undergrowth, bears NW. and SE.
45.00	Spur, projects SE. about 5.00 chs. dist.; desc. 100 ft.
50.00	Leave undergrowth, enter a heavy growth of fir and pine timber, bears NW. and SE.
51.40	Head of draw, drains SE.; asc. 30 ft.
51.90	Leave timber, enter dense undergrowth, bears NW. and SE.
52.50	Spur, slopes SE. about 1.50 chs. dist.; desc. 15 ft.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

- 55.80 Leave undergrowth, enter a heavy growth of fir and aspen timber, bears E. and SW:
- 58.00 Head of ravine, drains SE.; asc. precipitous SW. slope 420 ft.
- 61.90 Leave aspen, enter a scattering growth of fir and pine timber, bears NW. and SE.
- 64.60 Enter a heavy growth of fir, pine, spruce and scattering aspen timber, bears NW. and SE.
- 65.60 Spur, projects SE.; desc. 65 ft., across the head of draw, draining E., to
- 71.00 Spur, projects NE.; steep descent of 205 ft., over NW. slope to sec. cor.
- 78.50 Logging road, bears NW. and SE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 16, 17, 20 and 21, with brass cap marked:

T9S	R8E
S17	S16
S20	S21
1927	

from which,

An Alpine fir, 6 ins. diam., bears N.50°15'E., 37

lks. dist., marked T 9 S R 8 E S 16 B T.

A Douglas fir, 4 ins. diam., bears S.2°15'E., 8

lks. dist., marked T 9 S R 8 E S 21 B T.

A Douglas fir, 4 ins. diam., bears S.36°30'W., 49

lks. dist., marked T 9 S R 8 E S 20 B T.

A Douglas fir, 5 ins. diam., bears N.59°45'W., 11

lks. dist., marked T 9 S R 8 E S 17 B T.

Land, mountainous, draining generally to the SE.; shale formation.

Soil, sandy loam or a dark mountain loam, about 1 to 5 ft. deep, lying on a clay subsoil or on shale; 1st. and 2nd. rate.

Timber, Douglas, Alpine and white fir, aspen, limber pine and Engelmann spruce. A few scattering red cedar.

Undergrowth, sagebrush, deer browse, yellow top, young

Survey of the Subdivision of T. 9 S. R. 4 E.

Chains.

aspen, fir, spruce and pine, currant, chokecherry and
service berry bushes.

Fair to good grazing land.

N.89°55'E., on a random line bet. secs. 16 and 21.

40.00 Set temp. $\frac{1}{4}$ sec. cor.

79.86 Intersect N. and S. line, 5 lks. N. of the cor. of secs.
15, 16, 21 and 22.

Thence,

S.89°57'W., on a true line bet. secs. 16 and 21.

Desc. abrupt NW. slope 210 ft., through a medium heavy
growth of fir and pine timber, and dense undergrowth.

4.80 Trail, bears N.15°E. and S.15°W.

5.40 Stream of clear water, 3 lks. wide, 3 ins. deep, in the
bottom of a fork of the East Fork of White River Can-
yon, course S.15°W.; asc. steep E. slope 100 ft.

8.80 Spur, slopes S. about 4.00 chs. dist.; desc. 65 ft.

12.20 Leave medium heavy growth of fir and pine, bears NW. and
SE., and enter scattering fir, pine and spruce timber.

12.70 Dry wash, 12 lks. wide, 2 ft. deep, in the bottom of a
ravine, drains SE.; asc. precipitous E. slope 410 ft.

18.10 Enter a medium heavy growth of fir, pine, spruce and
aspen timber, bears NW. and SE.

25.00 Spur, projects S.10°E. approximately 50.00 chs. dist.;
desc. abrupt W. slope 460 ft. to $\frac{1}{4}$ sec. cor.

26.00 Leave aspen, enter a heavy growth of fir, pine and spruce
timber, bears N. and S.

35.80 Fir, pine and spruce timber becomes scattering, bearing
NW. and SE.

39.93 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

S 16
 $\frac{1}{4}$ S 21
1927

from which,

A limber pine, 4 ins. diam., bears N.30°15'W., 58
lks. dist., marked $\frac{1}{4}$ S 16 B T.✓

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

- A Douglas fir, 6 ins. diam., bears S.19°15'W., 44
lks. dist., marked $\frac{1}{4}$ S 21 B T. ✓
- 43.00 Enter a heavy growth of aspen timber, bears NW. and SE.
- 44.20 Fork of the East Fork of White River Canyon, drains SE.,
115 ft. below $\frac{1}{4}$ sec. cor.; precipitous ascent of 800
ft., over SE. slope.
- 44.80 Trail, bears NW. and SE.
- 48.70 Leave aspen timber, bears NE. and SW.
- 58.60 Enter a heavy growth of aspen timber, bears NE. and SW.
- 68.60 Leave aspen timber, bears NE. and SW.
- 69.50 Enter a heavy growth of fir, pine, spruce and aspen
timber, bears NE. and SW.
- 72.40 Spur, projects NE. approximately 20.00 chs. dist.; desc.
NW. slope 105 ft. to sec. cor.
- 72.70 Leave aspen timber, bears NE. and SW.
- 79.86 The cor. of secs. 16, 17, 20 and 21.
Land, mountainous; abrupt slopes with outcroppings of
shale formation; general drainage S.
Soil, sandy loam or a dark mountain loam, varying in
depth from a few ins. to several ft., lying on a clay
subsoil or on shale; 1st. and 2nd. rate.
Timber, Douglas, Alpine and white fir, aspen, limber
pine, Engelmann and blue spruce. A few red cedar.
Undergrowth, deer browse, oak brush, young aspen, fir,
pine and spruce, currant, chokecherry and service berry
bushes.
Good grazing of grass and browse on greater portion of
mile.
-
- N.0°01'W., on a true line bet. secs. 16 and 17.
Desc. precipitous NW. slope 435 ft., through a heavy
growth of fir and pine timber, and dense undergrowth.
- 4.30 Logging road, bears N.30°E. and S.30°W.
- 11.40 Logging road, bears N.30°E. and S.30°W.
- 15.80 Trail, bears N.60°E. and S.60°W.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.	
16.10	Stream of clear water, 2 lks. wide, 1 in. deep, in the bottom of ravine, course N.60°E.; asc. abrupt SW. slope 230 ft.
17.60	Leave heavy growth of fir and pine timber, bears NW. and SE., and enter scattering.
22.00	Enter a heavy growth of aspen timber, bears E. and W.
22.80	Spur, slopes SE. about 6.00 chs. dist.; asc. 150 ft. to the top of spur, across the head of draw.
28.90	Head of the draw, drains SE.
32.70	Spur, projects SE. approximately 30.00 chs. dist.; desc. steep NE. slope 175 ft. to $\frac{1}{4}$ sec. cor.
33.50	Leave aspen, enter a heavy growth of fir timber, bears NW. and SE.
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	<div style="text-align: center;"> $\frac{1}{4}$ S 17 | S 16 1927 </div>
	from which,
	An Alpine fir, 5 ins. diam., bears S.69°15'E., 5 lks. dist., marked $\frac{1}{4}$ S 16 B T.
	An Alpine fir, 6 ins. diam., bears S.24°45'W., 7 lks. dist., marked $\frac{1}{4}$ S 17 B T.
41.00	Leave timber, bears NW. and SE.
41.60	Ravine, 60 ft. below $\frac{1}{4}$ sec. cor., drains SE.; asc. abrupt SW. slope 855 ft.
41.90	Trail, bears NW. and SE.
47.00	Enter a medium heavy growth of aspen and fir timber, bears NW. and SE.
55.50	Leave fir timber, bears NE. and SW.
62.10	Leave aspen timber, bears NE. and SW.
63.10	Enter a heavy growth of aspen timber, bears NW. and SE.
64.40	Leave heavy growth of aspen timber, bears NW. and SE., and enter scattering aspen and fir.
69.20	Spur, projects southeasterly approximately 40.00 chs. dist.; desc. 15 ft.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

73.00 Draw, drains SE.; asc. S. slope 15 ft. to

79.53 Intersect the boundary of the Uintah Indian Reservation, N.89°15'E. (record) 7.83 chs. dist. from the 94th. mile cor., ~~xxxxxxx~~, hereinafter described in these notes at the end of the subdivision; and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 16 and 17, T. 9 S., R. 8 E., with brass cap marked:

T5SR10W	
S17	
U I R	
S17	S16
T9S	R8E
CC	
1927	

from which,

An aspen, 14 ins. diam., bears S.54°45'E., 397

lks. dist., marked T 9 S R 8 E S 16 C C B T.

A Douglas fir, 12 ins. diam., bears S.32°30'W., 770

lks. dist., marked T 9 S R 8 E S 17 C C B T.

Land, steep and mountainous, draining generally to the SE.; shale formation.

Soil, dark sandy loam or a dark mountain loam, varying in depth from about 1 to several ft., lying on a clay subsoil or on shale; 1st. and 2nd. rate.

Timber, Douglas and Alpine fir, aspen, Engelmann spruce and limber pine. Also, a few scattering red cedar.

Undergrowth, deer browse, sagebrush, yellow top, young aspen, fir, spruce and pine, currant and chokecherry bushes.

Excellent grazing land, N. 46.80 chs.

From the cor. of secs. 31 and 32, on the S. bdy. of the Tp., which is an iron post, 2 ins. in diam., extending 10 ins. above ground, firmly set, correctly marked and witnessed by bearing trees as follows:

An aspen, 5 ins. diam., bears N.13°15'E., 30

lks. dist., marked T 9 S R 8 E S 32 B T.

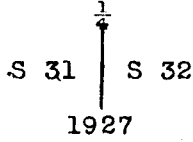
Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

An aspen, 5 ins. diam., bears N.51°W., 9
lks. dist., marked T 9 S R 8 E S 31 B T.

N.0°02'W., bet. secs. 31 and 32.

Asc. abrupt SE. slope 305 ft., through a heavy growth
of aspen timber and dense undergrowth.

- 6.30 Leave aspen timber, bears E. and W., and enter a scatter-
ing growth of fir and pine.
- 12.30 Spur, projects S.60°W. approximately 20.00 chs. dist.,
thence northwesterly; desc. 90 ft.
- 15.20 Leave undergrowth, enter a heavy growth of fir timber,
bears NW. and SE.
- 19.20 Draw, drains NW.; leave fir timber, enter dense under-
growth, bears NW. and SE.; asc. SW. slope 60 ft.
- 24.00 Leave undergrowth, enter a heavy growth of aspen and
scattering fir timber, bears NW. and SE.
- 28.20 Leave aspen timber, enter dense undergrowth, bears NW.
and SE.
- 34.00 Enter a medium heavy growth of fir and pine timber,
bears NW. and SE.
- 34.70 Spur, projects NW. about 15.00 chs. dist., thence west-
erly; desc. NE. slope 70 ft. to $\frac{1}{4}$ sec. cor.
- 39.40 Fir and pine timber becomes scattering, bearing NE. and
SW.
- 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 20 ins. in
the ground to solid rock, and in a mound of stone, 2 $\frac{1}{2}$
ft. base, 1 ft. high, for $\frac{1}{4}$ sec. cor., with brass cap
marked:
- $\frac{1}{4}$

 S 31 S 32
 1927
- from which,
- A Douglas fir, 12 ins. diam., bears N.13°30'E., 77
lks. dist., marked $\frac{1}{4}$ S 32 B T.
- A Douglas fir, 20 ins. diam., bears N.76°45'W., 82
lks. dist., marked $\frac{1}{4}$ S 31 B T.
- 51.50 Enter a heavy growth of fir, pine and aspen timber,
bears NW. and SE.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

- 54.40 Draw; 280 ft. below $\frac{1}{2}$ sec. cor., drains NW.; asc. 90 ft.
- 55.80 Leave heavy growth of timber, and enter scattering fir and pine.
- 61.00 Spur, slopes W. about 3.00 chs. dist.; desc. 15 ft.
- 63.50 Ravine, drains southwesterly; asc. abrupt S. slope 140 ft.
- 68.70 Enter a medium heavy growth of fir and pine timber, bears NE. and SW.
- 70.60 Spur, projects S. 75° W. approximately 30.00 chs. dist.; desc. general N. slope 135 ft.
- 76.30 Leave fir and pine timber, bears NW. and SE.
- 79.40 Draw, drains NW.; asc. SW. slope 10 ft. to
- 80.00 Set an iron post; 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for cor. of secs. 29, 30, 31 and 32; with brass cap marked:

T9S	R8E
S30	S29
S31	S32
1927	

from which,

A white fir, 4 ins. diam., bears N. 56° 45' E., 73 lks. dist., marked T 9 S R 8 E S 29 B T.

A white fir, 5 ins. diam., bears S. 69° 30' E., 174 lks. dist., marked T 9 S R 8 E S 32 P T.

A limber pine, 5 ins. diam., bears S. 11° 15' W., 140 lks. dist., marked T 9 S R 8 E S 31 P T.

A Douglas fir, 6 ins. diam., bears N. 36° 30' W., 177 lks. dist., marked T 9 S R 8 E S 30 B T.

Land, mountainous, draining generally to the W. into the Middle Fork of White River Canyon; shale outcroppings. Soil, sandy loam or a dark mountain loam, about 1 to 5 ft. deep, lying on a clay subsoil or on shale; 1st. and 2nd. rate.

Timber, Douglas, white and Alpine fir, aspen, limber pine and a few red cedar.

Undergrowth, sagebrush, deer browse, young aspen, fir and pine, currant and chokecherry bushes.

Good grazing of grass and browse.

Survey of the Subdivision of Twp. 29 N. R. 3 E.

Chains. East, on a random line bet. secs. 29 and 32. 04.45
 40.00 Set temp. $\frac{1}{2}$ sec. cor. 09.60
 30.00 Intersect N. and S. line, 6 lks. N. of the cor. of secs.
 28, 29, 32 and 33. 00.10
 Thence,
 N. 89° 57' W., on a true line bet. secs. 29 and 32.
 Desc. W. slope 110 ft., through a scattering growth of
 fir and aspen timber, and dense undergrowth.
 4.00 Enter a heavy growth of aspen timber, bears NW. and SE.;
 undergrowth becomes scattering.
 8.40 Enter a medium heavy growth of fir timber, bears NW. and
 SE.; aspen becomes scattering.
 10.50 Leave medium heavy growth of fir timber, and enter scat-
 tering, bears NW. and SE.
 16.00 Ravine, drains NE.; asc. SE. slope 120 ft., through
 dense undergrowth.
 22.30 Ridge, bears N. 25° E. and S. 25° W.; desc. 130 ft.
 22.60 Trail, bears NE. and SW.
 25.00 Enter a medium heavy growth of fir and aspen timber,
 bears N. and S.
 37.60 Draw, drains NW.; asc. 10 ft.
 33.70 Leave timber, bears N. and S.
 34.80 Spur, projects N. about 3.00 chs. dist.; desc. 10 ft.
 34.90 Enter a heavy growth of fir and aspen timber, bears N.
 and S.

36.70 Draw, drains NE.; asc. NE. slope 50 ft. to
 40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
 the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked:

S 29
 S 32
 1927

from which,

An Alpine fir, 7 ins. diam., bears N. 44° 15' W., 15
 lks. dist., marked $\frac{1}{2}$ S 29 B T.

A Douglas fir, 4 ins. diam., bears S. 30° 45' E., 30
 lks. dist., marked $\frac{1}{2}$ S 32 B T.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

- 45.50' Leave aspen timber, bears NE. and SW.
- 50.50 Spur, projects northwesterly about 30.00 chs. dist., 190 ft. above $\frac{1}{4}$ sec. cor.; desc. 115 ft.
- 51.50 Leave heavy growth of fir, bears NE. and SW., and enter scattering fir, pine, aspen and cedar timber.
- 56.80 Draw, drains N.30°W.; asc. 70 ft..
- 59.10 Enter heavy growth of fir and scattering pine timber, bears N. and S.
- 60.80 Spur, projects N.30°W. approximately 30.00 chs. dist.; desc. 150 ft. to sec. cor., across the head of draw, draining N.80°W.
- 73.60 Leave heavy growth of fir timber, and enter scattering, bears NW. and SE.
- 80.00 The cor. of secs. 29, 30, 31 and 32.
- Land, mountainous; shale formation; drainage NE. into a fork of the East Fork of White River Canyon, E. 22.30 chs.; W. 57.70 chs. drain NW. into the Middle Fork of White River Canyon.
- Soil, dark sandy loam or a dark mountain loam, about 1 to 5 ft. deep, lying on a clay subsoil or on shale; 1st. and 2nd. rate.
- Timber, Douglas, white and Alpine fir, aspen, limber pine and cedar.
- Undergrowth, deer browse, sagebrush, yellow top, young aspen and fir, currant and chokecherry bushes.
- Good grazing land.

West, on a random line bet. secs. 30 and 31.

- 40.00 Set temp. $\frac{1}{4}$ sec. cor.
- 79.31 Intersect the W. bdy. of the Tp., 37 lks. S. of the cor. of secs. 25, 30, 31 and 36, which is an iron post, 3 ins. in diam., extending 12 ins. above ground, firmly set, correctly marked and witnessed by bearing trees as follows:

A white fir, 9 ins. diam., bears N.49°15'E., 38

lks. dist., marked T 9 S R 8 E S 30 B T.

Survey of the Subdivision of T. 9 S. R. 8 E.

Chains.	
	A Douglas fir, 18 ins. diam., bears S.72°30'E., 56
	lks. dist., marked T 9 S R 8 E S 31 B T.
	A Douglas fir, 9 ins. diam., bears S.84°30'W., 33
	lks. dist., marked T 9 S R 7 E S 36 B T.
	A white fir stump, 10 ins. diam., bears N.66°15'W.,
	56 lks. dist., marked S 25 B T.
	Thence,
	S.89°44'E., on a true line bet. secs. 30 and 31.
	Over mountainous land, through a scattering growth of
	fir and cedar timber, and dense undergrowth; asc. 205
	ft. to the top of ridge, across the head of draw.
2.10	Head of the draw, draining SW.
4.80	Shale pit, 116x30x6 ft., on line.
14.70	Enter a medium heavy growth of aspen and fir timber,
	bears N. and S.
16.00	Ridge, bears N. and S.; desc. 110 ft.
20.00	Leave aspen, enter a heavy growth of fir timber, bears
	NW. and SE.
22.80	Leave fir, enter a heavy growth of aspen timber, bears
	NE. and SW.
23.90	Draw, drains N.; asc. gradual NW. slope 10 ft.
24.30	Leave aspen, enter a heavy growth of fir and pine timber,
	bears N. and SW.
30.50	Spur, projects NE. about 20.00 chs. dist.; desc. SE.
	slope 200 ft. to $\frac{1}{4}$ sec. cor.
35.60	Leave fir and pine, enter a medium heavy growth of aspen
	timber, bears NW. and SE.
36.60	Leave timber, bears NW. and SE.
39.31	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
	the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	$\begin{array}{r} S\ 30 \\ \frac{1}{4} \text{---} \\ S\ 31 \\ 1927 \end{array}$
	from which,
	An aspen, 5 ins. diam., bears N.44°30'E., 53
	lks. dist., marked $\frac{1}{4}$ S 30 B T.
	A Douglas fir, 12 ins. diam., bears S.70°30'E., 115

Survey of the Subdivision of T. 9 S. R. 8 E.

Chains.	
300.15	1 ks. dist., marked $\frac{1}{2}$ S 31 B T.
47.70	A main travelled trail to the top of the reservation divide, bears N.15°E. and S.15°W.
47.80	Leave undergrowth, enter a dense growth of tall willows, bears NE. and SW.
48.70	Stream of clear water, 3 lks. wide, 3 ins. deep, in the bottom of the Middle Fork of White River Canyon, 200 ft. below $\frac{1}{4}$ sec. cor., course S.15°W.; asc. abruptly 240 ft.
49.20	Leave willows; enter dense undergrowth, bears NE. and SW.
57.70	Enter a medium heavy growth of aspen timber, bears NW. and SE.
61.80	Spur, slopes NW. about 1.50 chs. dist.; desc. 15 ft.
63.00	Draw, drains NW.; asc. 115 ft.
64.10	Leave medium heavy growth of aspen timber, bears NW. and SE., and enter scattering fir and aspen.
68.60	Enter a heavy growth of fir timber, bears NW. and SE.
68.80	Spur, slopes NW. about 3.00 chs. dist.; desc. 105 ft.
76.20	Leave timber, bears NW. and SE.
78.30	Draw, drains NW.; enter a patch of aspen timber, bears NW. and SE.; asc. SW. slope 20 ft. to sec. cor.
79.20	Leave patch of aspen timber, bears NW. and SE., and enter scattering growth of fir, pine and aspen.
79.31	The cor. of secs. 29, 30, 31 and 32.
	Land, mountainous with outcroppings of shale formation; drainage W., W. 16.00 chs.; E. 63.31 chs. drain generally to the SW. by the Middle Fork of White River Canyon.
	Soil, dark sandy loam or a dark mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on shale; 1st. and 2nd. rate.
	Timber, aspen, Douglas, white and Alpine fir, limber pine, and a few scattering red cedar. Blue spruce grow along the bottom of the Middle Fork of White River Canyon.

Survey of the Subdivision of T. 29 S. R. 8 E.

Chains.	Undergrowth, sagebrush, deer browse, yellow top, willows, young aspen, fir and pine, currant and chokecherry bushes. Fair to good grazing land.
	N.0°02'W., bet. secs. 29 and 30. Asc. SW. slope 10 ft., through a scattering growth of aspen, fir, pine and cedar timber, and dense undergrowth.
1.50	Spur, projects NW. about 8.00 chs. dist., thence westerly; desc. abrupt NW. slope 380 ft.
1.97	From this point, a cabin, which is located in the bottom of a fork of the Middle Fork of White River Canyon, bears N.42°20'W.
16.00	Enter a medium heavy growth of fir timber, bears NW. and SE.
20.20	Leave undergrowth, enter a heavy growth of fir timber, bears NE. and SW.
25.80	Leave timber, enter dense undergrowth, bears E. and W.
26.40	A main travelled trail to the top of the reservation divide, bears NE. and SW.
27.30	Stream of clear water, 2 lks. wide, 1 in. deep, in the bottom of a fork of the Middle Fork of White River Canyon, course S.70°W.; asc. steep SE. slope 350 ft.
30.00	Enter a scattering growth of fir, pine and cedar timber.
38.50	Spur, projects S.70°W. approximately 20.00 chs. dist.; enter a medium heavy growth of fir and aspen timber, bears NE. and SW.; desc. NW. slope 10 ft. to
40.00	Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
	<div style="text-align: center;"> $\frac{1}{4}$ S 30 | S 29 1927 </div>
	From which, A Douglas fir, 18 ins. diam., bears S.40°15'E., 20 lks. dist., marked $\frac{1}{4}$ S 29 B T.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

- A Douglas fir, 7 ins. diam., bears N.10°45'W., 92
lks. dist., marked $\frac{1}{2}$ S 30 B T.
- 43.60 Enter a heavy growth of aspen and fir timber, bears NW.
and SE.
- 48.90 Leave aspen timber, bears NW. and SE.
- 52.90 Leave fir timber, bears NE. and SW.
- 54.50 A main travelled trail to the top of the reservation
divide, bears NE. and SW.
- 54.80 Dry wash, 15 lks. wide, 1 ft. deep, in the bottom of a
fork of the Middle Fork of White River Canyon, drains
SW., 215 ft. below $\frac{1}{4}$ sec. cor.; asc. gradual SW. slope
150 ft.
- 55.70 Stream of clear water, 1 lk. wide, 1 in. deep, at the
mouth of draw from NE., course SW.
- 56.30 Stream of clear water, 1 lk. wide, 1 in. deep, at the
mouth of draw from NW., course SE.
- 69.50 Spur from N.10°W., projects S.10°W. about 7.00 obs. dist.;
asc. gradually 70 ft. to sec. cor., along general E.
slope.
- 75.20 Leave undergrowth, enter a heavy growth of aspen timber,
bears NW. and SE.
- 80.00 Set an iron post, 3 ft. long, 2 ins. in diam., 27 ins.
in the ground, for cor. of secs. 19, 20, 29 and 30,
with brass cap marked:
- | | |
|------|-----|
| T9S | R8E |
| S19 | S20 |
| S30 | S29 |
| 1927 | |
- from which,
- An aspen, 6 ins. diam., bears N.39°15'E., 35
lks. dist., marked T 9 S R 8 E S 20 B T.
- An aspen, 6 ins. diam., bears S.58°30'E., 33
lks. dist., marked T 9 S R 8 E S 29 B T.
- A Douglas fir, 16 ins. diam., bears S.84°30'W., 55
lks. dist., marked T 9 S R 8 E S 30 B T.
- An aspen, 4 ins. diam., bears N.66°15'W., 26
lks. dist., marked T 9 S R 8 E S 19 B T.

Survey of the Subdivision of T. 2 S. R. 2 E.

Chains.	
	Land, mountainous with outcroppings of shale formation; drainage to the SW. by the Middle Fork of White River Canyon.
	Soil, dark sandy loam or a dark mountain loam, about 1 to 6 ft. deep, lying on a clay subsoil or on shale.
	1st. and 2nd. rate.
	Timber, Douglas and Alpine fir, aspen, lumber pine and cedar. A few blue spruce scattered along the bottoms of canyons.
	Undergrowth, sagebrush, deer browse, yellow top, young aspen and fir, oak brush, currant, chokecherry and service berry bushes. Dense growth of tall willows found along the bottoms of canyons.
	Excellent grazing land.
40.00	S. 89° 57' E., on a random line bet. secs. 20 and 29.
30.10	Set temp. $\frac{1}{4}$ sec. cor.
	Intersect N. and S. line, 12 lks. N. of the cor. of secs. 20, 21, 28 and 29.
	Thence,
	N. 89° 52' W., on a true line bet. secs. 20 and 29.
	Desc. W. slope 30 ft., through a scattering growth of aspen, fir and pine timber, and dense undergrowth.
1.00	Leave undergrowth, enter a dense growth of tall willows, bears NW. and SE.
2.70	Stream of clear water, 1 lk. wide, 1 in. deep, in the bottom of a fork of the East Fork of White River Canyon, course SE.; asc. 230 ft. along general NE. slope.
2.90	Leave willows, enter dense undergrowth, bears NW. and SE.
3.40	Trail, bears NW. and SE.
5.00	Enter a medium heavy growth of aspen timber, bears NW. and SE.
9.30	Leave undergrowth and aspen timber, and enter a heavy growth of fir timber, bears NW. and SE.
19.80	Leave timber, enter dense undergrowth, bears NW. and SW.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

- 22.00 Leave undergrowth, enter a medium heavy growth of fir and scattering aspen timber, bears NE. and SE.
- 26.00 Spur, slopes NE. about 6.00 chs. dist.; desc. 15 ft..
- 27.00 Leave aspen, enter a heavy growth of fir timber, bears NE. and SW.
- 33.50 Leave fir, bears NE. and SW., and enter a medium heavy growth of aspen timber and dense undergrowth.
- 35.30 Head of draw, drains NE.; asc. 75 ft. to $\frac{1}{2}$ sec. cor.
- 35.80 A main travelled trail, from the Middle Fork of White River Canyon to the top of the reservation divide, bears NE. and SW.
- 37.80 Leave timber, bears NW. and SE.
- 40.05 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked:
- S 20

S 29

1927
- from which,
- A Douglas fir, 18 ins. diam., bears N.4°45'E., 744 lks. dist., marked $\frac{1}{2}$ S 20 B T.
- A Douglas fir, 12 ins. diam., bears S.65°15'E., 220 lks. dist., marked $\frac{1}{2}$ S 29 P T.
- This cor. stands on top of a ridge, bearing N.15°W. and S.15°E.
- 40.20 Trail, bears N.10°E. and S.10°W.
- 43.90 Enter a heavy growth of aspen timber, bears N. and S.; undergrowth becomes scattering.
- 45.60 Draw, 25 ft. below $\frac{1}{2}$ sec. cor., drains S.10°E.; asc. 20 ft.
- 48.80 Leave timber, bears N. and S., and enter dense undergrowth.
- 49.80 Spur, projects S.15°E.; desc. 85 ft..
- 51.60 Enter a medium heavy growth of aspen, and scattering fir and pine timber, bears NE. and SW.
- 56.70 Draw, drains S.20°E.; asc. 110 ft..
- 58.30 Leave aspen timber, bears N. and S..

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.	
61.30	Spur, projects S.20°E. about 15.00 chs. dist.; desc. 150 ft.
64.90	Leave undergrowth, enter a heavy growth of aspen timber, bears NE. and SW.
72.00	Ravine, drains S.20°E.; asc. 130 ft.
72.10	Leave heavy growth of aspen timber, bears NW. and SE., and enter scattering aspen and dense undergrowth.
75.40	Leave timber.
76.30	Spur, projects S.20°E. about 15.00 chs. dist.; desc. 35 ft.
79.00	Leave undergrowth, enter a heavy growth of aspen timber, bears N. and S.
79.50	Draw, drains S.; asc. E. slope 10 ft. to
80.10	The cor. of secs. 19, 20, 29 and 30. Land, mountainous; shale formation; drainage SE., E. 40.05 chs.; W. 40.05 chs. drain SW. Soil, dark sandy loam and dark mountain loam, about 1 to 6 ft. deep, lying on a clay subsoil or on shale; 1st. and 2nd. rate. Timber, aspen, Douglas, Alpine and white fir, and limber pine. Undergrowth, sagebrush, deer browse, yellow top, young aspen, fir and pine, willows, currant and chokecherry bushes. Excellent growth of grass and browse.
	N.89°44'W., on a random line bet. secs. 19 and 30.
40.00	Set temp. $\frac{1}{4}$ sec. cor.
79.29	Intersect the W. bdy. of the Tp., 5 lks. N. of the cor. of secs. 19, 24, 25 and 30, which is an iron post, 3 ins. diam., extending 4 ins. above ground, firmly set, correctly marked and witnessed by bearing trees as follows: A Douglas fir, 18 ins. diam., bears N.42°E., 43 lks. dist., marked T. 9 S. R. 8 E S 19 B T.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

A Douglas fir, 6 ins. diam., bears S.30°E., 31
lks. dist., marked T 9 S R 8 E S 30 B T.

A Douglas fir, 8 ins. diam., bears S.56°W., 36
lks. dist., marked T 9 S R 7 E S 25 B T.

A Douglas fir, 16 ins. diam., bears N.25°W., 29
lks. dist., marked T 9 S R 7 E S 24 B T.

Thence,

S.89°46'E., on a true line bet. secs. 19 and 30.

Over mountainous land, through a heavy growth of fir
timber and scattering undergrowth; desc. NE. slope.
110 ft.

1.30 Leave fir, enter a heavy growth of aspen timber, bears
NW. and SE.

2.60 Ravine, drains SE.; asc. 80 ft.

5.30 Leave aspen timber, bears NW. and SE., and enter a scat-
tering growth of fir and pine.

13.50 Spur, projects southeasterly about 10.00 chs. dist.;
desc. abruptly 160 ft.

17.20 Stream of clear water, 1 lk. wide, 1 in. deep, in the
bottom of a fork of the Middle Fork of White River.
Canyon, course SE.; asc. precipitous SW. slope 415 ft.

22.30 Enter a medium heavy growth of fir timber, bears NW. and
SE.

30.20 Leave timber, bears NW. and SE., and enter dense under-
growth.

30.30 Spur, projects southeasterly approximately 50.00 chs.
dist.; desc. steep NE. slope 255 ft. to $\frac{1}{4}$ sec. cor.

30.42 From this point a cabin, which is located in the bottom
of a fork of the Middle Fork of White River Canyon,
bears S.21°25'E..

32.80 Leave undergrowth, enter a heavy growth of aspen timber,
bears NE. and SW.

39.29 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

Survey of the Subdivision of T. 2 S., R. 8 E.

Chains.	
	$\frac{1}{4}$ S 19 $\frac{1}{4}$ S 30 1927
	from which,
	An aspen, 4 ins. diam., bears N.48°E., 28
	lks. dist., marked $\frac{1}{4}$ S 19 B T.
	An aspen, 4 ins. diam., bears S.19°30'E., 26
	lks. dist., marked $\frac{1}{4}$ S 30 B T.
41.50	Ravine, 55 ft. below $\frac{1}{4}$ sec. cor., drains southeasterly; asc. abrupt W. slope 170 ft.
43.30	Leave aspen, enter a heavy growth of fir timber, bears NW. and SE.
48.30	Fir becomes scattering; enter a medium heavy growth of aspen and scattering fir timber, bears N. and S.
49.70	Spur, projects southeasterly about 40.00 chs. dist.; desc. abrupt E. slope 170 ft.
52.30	Leave aspen, enter a heavy growth of fir timber, bears NW. and SE.
57.40	Leave fir timber, bears NW. and SE., and enter a medium heavy growth of aspen and scattering undergrowth.
60.20	Ravine, drains southeasterly; asc. 80 ft.
67.70	Spur, projects S.20°E. approximately 25.00 chs. dist.; desc. 15 ft.
71.30	Draw, drains southeasterly; asc. 25 ft.
76.70	Leave timber, enter dense undergrowth, bears NE. and SW.
78.10	Spur, projects S.; desc. 15 ft. to sec. cor.
79.00	Leave undergrowth, enter a heavy growth of aspen timber, bears NE. and SW.
79.29	The cor. of secs. 19, 20, 29 and 30.
	Land, mountainous; abrupt slopes with outcroppings of shale formation; drainage S. and SE. into the Middle Fork of White River Canyon.
	Soil, dark sandy loam and dark mountain loam, about 1 to 6 ft. deep, lying on a clay subsoil or on shale; 1st. and 2nd. rate.
	Timber, aspen, Douglas, Alpine and white fir, limber pine and a few red cedar.

Survey of the Subdivision of T. 9 S. R. 8 E.

Chains.

Undergrowth, sagebrush, deer browse, oak brush, young aspen and fir, currant and chokecherry bushes.

Good grazing of grass and browse.

N.0°02'W., on a true line bet. secs. 19 and 20.

Asc. 95 ft. along E. slope, across the head of draw, through a heavy growth of aspen timber and scattering undergrowth.

0.40 Leave timber, enter dense undergrowth, bears NE. and SW.

4.70 Leave undergrowth, enter a heavy growth of fir timber, bears NW. and SE.

5.80 Leave fir, enter a heavy growth of aspen timber, bears NW. and SE.

7.20 Head of the draw, drains SE.

8.80 Leave heavy growth of aspen, bears NW. and SE., and enter scattering fir and pine timber and dense undergrowth.

10.00 Spur, projects southeasterly; desc. 75 ft.

15.80 Leave undergrowth, enter a heavy growth of fir timber, bears NW. and SE.

20.20 Ravine, drains SE.; asc. precipitous SW. slope 420 ft.

20.30 Leave fir, enter a medium heavy growth of aspen timber, bears NW. and SE.

21.50 Leave timber, enter dense undergrowth, bears E. and W.

27.30 Top of nearly perpendicular ledge, 15 ft. high, bears N.70°W. and S.70°E.

27.40 Enter a scattering growth of aspen and fir timber.

30.60 Spur, projects S.80°W. about 10.00 chs. dist.; enter a heavy growth of aspen and fir timber, bears N.80°E. and S.80°W.; desc. abruptly 130 ft.

36.80 Ravine, drains SW.; asc. steep SE. slope 110 ft. to

40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:

$\frac{1}{4}$
 S 19 | S 20

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

from which,

A Douglas fir, 4 ins. diam., bears S. 38° 30' E., 40
lks. dist., marked $\frac{1}{2}$ S 20 B T.

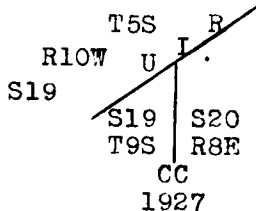
A Douglas fir, 4 ins. diam., bears N. 5° 15' W., 18
lks. dist., marked $\frac{1}{2}$ S 19 B T.

From this cor., continue ascent of 465 ft. to closing
sec. cor., over SE. slope, through dense undergrowth.

44.90 Leave heavy growth of fir timber, bears NE. and SW., and
enter scattering.

50.70 Leave heavy growth of aspen timber, bears NE. and SW.,
and enter scattering.

64.72 On top of the main divide, bearing N. 10° E. and S. 10° W.,
bet. the Strawberry River drainage on the N. and the
White River drainage on the S., intersect the boundary
of the Uintah Indian Reservation, S. 25° 45' W. (record)
3.52 chs. dist. from the $\frac{1}{2}$ mile cor. on the 96th. mile
hereinafter described in these notes at the end of the
subdivision; and at the point of intersection, set an
iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the
ground, for closing cor. of secs. 19 and 20, T. 9 S.,
R. 8 E., with brass cap marked:



A Douglas fir 7 ins. diam. bears S. 19° 15' E.,
164 lks. dist. marked T 9 S R 8 E S 19 CC BT

A Douglas fir 8 ins. diam. bears S. 12° 30' E.
233 lks. dist., marked T 9 S R 8 E S 20 CC BT

Land, mountainous; abrupt slopes with outcroppings and
ledges of shale and sandstone formation; general drain-
age SE. into the Middle Fork of White River Canyon.
Soil, dark sandy loam and dark mountain loam, varying in
depth from a few ins. to several ft., lying on a clay
subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Douglas and Alpine fir, limber pine and
red cedar.

Survey of the Subdivision of T. 9 S. R. 8 E.

Chains.

Undergrowth, sagebrush, deer browse, yellow top, young fir and aspen, currant and chokecherry bushes.
Fair to good grazing of grass and browse.

From the cor. of secs. 16, 17, 20 and 21,
N. 89° 52' W., on a true line bet. secs. 17 and 20.
Desc. abrupt NW. slope 60 ft., through a heavy growth of
fir, pine and spruce timber, and dense undergrowth.

- 2.30 Draw, drains N.; asc. steep SE. slope 155 ft.
7.60 Spur, projects NE. about 12.00 chs. dist.; desc. 220 ft.
19.50 Leave timber, bears NE. and S.
20.00 Ravine, drains NE.; asc. SE. slope 290 ft.
20.20 Enter a scattering growth of aspen and fir timber.
33.00 Spur, slopes S. about 4.00 chs. dist.; desc. gradually
15 ft.
34.00 Leave undergrowth, enter a heavy growth of fir timber,
bears NW. and SE.
35.40 Leave timber, bears NW. and SE.
37.70 Same ravine as noted at 20.00 chs. drains SE.; asc. 65
ft. to $\frac{1}{4}$ sec. cor., along the S. side of draw, drain-
ing E.
40.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{4}$ sec. cor., with brass cap marked:
- | |
|---------------|
| S 17 |
| $\frac{1}{4}$ |
| S 20 |
| 1927 |
- from which,
An Alpine fir, 7 ins. diam., bears N. 27° 45' E., 61
lks. dist., marked $\frac{1}{4}$ S 17 B T.
An Alpine fir, 10 ins. diam., bears S. 50° 15' E., 120
lks. dist., marked $\frac{1}{4}$ S 20 B T.
From this cor., continue precipitous ascent of 295 ft.
over general E. slope or along the S. side of the draw.
48.60 Enter dense undergrowth, bears NE. and SE.
49.80 Leave undergrowth, bears NW. and SE.
50.70 Spur from N., projects southeasterly; desc. W. slope
285 ft.

Survey of the Subdivision of T. 9 S., R. 8 E.

Chains.

- 51.00 Trail, bears N.10°W. and S.10°E.
- 52.00 Enter dense undergrowth, bears NE. and SE.
- 55.60 Leave undergrowth, enter a heavy growth of aspen and scattering fir timber, bears NW. and SE.
- 63.80 Ravine, drains S.20°W.; asc. 10 ft.
- 65.20 Spur, slopes S. about 3.00 chs. dist.; desc. 10 ft.
- 66.20 Draw, drains S.; asc. E. slope 65 ft. to closing sec. cor.
- 66.50 Leave timber, bears NE. and SW.
- 72.99 Intersect the boundary of the Uintah Indian Reservation, N.25°45'E. (record) 13.50 chs. dist. from the $\frac{1}{2}$ mile cor. on the 96th. mile, hereinafter described in these notes at the end of the subdivision; and at the point of intersection, set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for closing cor. of secs. 17 and 20, T. 9 S., R. 8 E., with brass cap marked:

T5S	R	T9S
R10W	I	S17C
S19	U	S20C
		R8E
		T1927

from which,

An aspen, 6 ins. diam. bears N. 32° 45' E. 131 lks. dist., marked T 9 S R 8 E S 17 CC BT

An aspen, 8 ins. diam., bears S. 72° 45' E. 202 lks. dist., marked T 9 S R 8 E S 20 CC BT

Land, mountainous with outcroppings of shale and sandstone formation; drainage NE. into a fork of the East Fork of White River Canyon, E. 50.70 chs.; remainder of land drains generally to the S. into the Middle Fork of White River Canyon.

Soil, dark sandy loam and dark mountain loam, varying in depth from a few ins. to several ft., lying on a clay subsoil or on bedrock; 1st. and 2nd. rate.

Timber, aspen, Douglas and Alpine fir, Engelmann spruce and limber pine.

Survey of the Subdivision of T. 9 S., R. 8 E.

Undergrowth, sagebrush, deer browse, yellow top, young aspen and fir, and currant bushes.

Excellent grazing land, except E. 20.00 chs.

Reestablishment of Original Corners on the Boundary of the Uintah Indian Reservation during the Progress of the Survey of Township 9 South, Range 8 East.

The angle point on the 90th. mile is a wooden post, 4 ins. square, extending 24 ins. above ground, firmly set, and marked \angle U I R on E. face and P L on W. face, and witnessed as follows:

A stump, 12 ins. diam., bears S.57°30'E., 153 lks. dist., marked \angle U I R B T.

I also witness the cor. with

An Alpine fir, 6 ins. diam., bears S.56°45'E., 149 lks. dist., marked \angle U I R B T.

The $\frac{1}{2}$ mile cor. on the 90th. mile is a wooden post, 4 ins. square, extending 18 ins. above ground, loosely set and badly decayed, and marked U I R on E., P L on W. and $\frac{1}{2}$ M on S. faces, but no evidence of accessories. Alongside of the original cor., set a pine post, 3 ft. long, 4 ins. square, 24 ins. in the ground, for $\frac{1}{2}$ mile cor., and marked U I R on E., P L on W. and $\frac{1}{2}$ M on S. faces, and from which

An Alpine fir, 5 ins. diam., bears S.2°30'E., 302 lks. dist., marked $\frac{1}{2}$ M U I R B T.

An aspen, 6 ins. diam., bears N.28°30'W., 464 lks. dist., marked $\frac{1}{2}$ M P L B T.

The S. angle point on the 91st. mile is an aspen post, 4 ins. square, extending 24 ins. above ground, loosely set and badly decayed, and marked \angle U I R on E. face and P L on W. face, but no evidence of accessories. Alongside of the original cor., set an Alpine fir post,

Reestablishment of Original Corners on the Boundary of
the Uintah Indian Reservation during the Progress
of the Survey of Township 9 South, Range 8 East.

3½ ft. long, 5 ins. square, 24 ins. in the ground, for angle point, and marked \angle U I R on E. face and P L on W. face, and from which

An Alpine fir, 8 ins. diam., bears N.67°15'E., 66 lks. dist., marked \angle U I R B T.

A Douglas fir, 9 ins. diam., bears N.72°W., 115 lks. dist., marked \angle P L B T.

The ½ mile cor. on the 91st. mile is a pine post, 4x3 ins., extending 24 ins. above ground, loosely set, and marked U I R on E., P L on W. and ½ M on S. faces, but no evidence of accessories. I reset the post at the same point 24 ins. in the ground, and witness it as follows:

A Douglas fir, 12 ins. diam., bears N.74°30'E., 148 lks. dist., marked ½ M U I R B T.

A Douglas fir, 6 ins. diam., bears N.26°30'W., 116 lks. dist., marked ½ M P L B T.

The N. angle point on the 91st. mile is a pine post, 5x4 ins., extending 24 ins. above ground, loosely set and partly decayed, and marked \angle U I R on E. face and P L on W. face, but no evidence of accessories. Alongside of the original cor., set a Douglas fir post, 3½ ft. long, 5x3 ins., 24 ins. in the ground, for angle point, and marked \angle U I R on E. face and P L on W. face, and from which

A Douglas fir, 8 ins. diam., bears S.65°45'E., 79 lks. dist., marked \angle U I R B T.

A Douglas fir, 10 ins. diam., bears N.72°30'W., 177 lks. dist., marked \angle P L B T.

The 91st. mile cor. is an aspen post, 4 ins. square, extending 24 ins. above ground, loosely set and badly decayed, and marked U I R on E., P L on W. and 91 M on S. faces, but no evidence of accessories. Alongside of the original cor., set a Douglas fir post, 3½ ft. long,

Reestablishment of Original Corners on the Boundary of
the Uintah Indian Reservation during the Progress
of the Survey of Township 9 South, Range 8 East.

4 ins. square, 24 ins. in the ground, for the 91st.
mile cor., and marked U I R on E., P L on W. and 91 V
on S. faces, and from which

A Douglas fir, 18 ins. diam., bears N.2°15'E., 227
lks. dist., marked 91 M U I R P T.

A limber pine, 5 ins. diam., bears N.52°30'W., 170
lks. dist., marked 91 M P L B T.

The $\frac{1}{2}$ mile cor. on the 92nd. mile is a pine post, 5x4
ins., extending 16 ins. above ground, loosely set and
partly decayed, and marked U I R on E., P L on W. and
 $\frac{1}{2}$ M on S. faces, but no evidence of accessories. Along
side of the original cor., set a pine post, 3 ft.
long, 4 ins. square, 24 ins. in the ground, for $\frac{1}{2}$ mile
cor., and marked U I R on E., P L on W. and $\frac{1}{2}$ M on S.
faces, and from which

An Alpine fir, 12 ins. diam., bears N.17°30'W., 198
lks. dist., marked $\frac{1}{2}$ M U I R P T.

A limber pine, 8 ins. diam., bears S.30°45'W., 62
lks. dist., marked $\frac{1}{2}$ M P L B T.

The angle point on the 92nd. mile is a sandstone, 16x12
x2 ins., loosely set 6 ins. in the ground, and marked
U I R on NE. and P L on SW. faces, and witnessed on
the SE. by a small mound of stone. I reset the stone
at the same point 11 ins. in the ground, and raise a
mound of stone, 2 $\frac{1}{2}$ ft. base, 2 ft. high, SE. of cor.

The $\frac{1}{2}$ mile cor. on the 93rd. mile is an aspen post, 4
ins. square, extending 22 ins. above ground, loosely
set and badly decayed, and marked U I R on NE., P L on
SW. and $\frac{1}{2}$ M on SE. faces, and witnessed by traces of
pits and by two bearing trees as follows:

An aspen, 7 ins. diam., bears N.7°30'W., 5
lks. dist., marked $\frac{1}{2}$ M U I R P T.

An aspen, 7 ins. diam., bears S.56°W., 35
lks. dist., marked $\frac{1}{2}$ M P L B T.

-15-
 Reestablishment of Original Boundaries on the Boundary of
 the Uintah Indian Reservation under the direction
 of the Survey of Thomas H. Smith, U.S. Geologist.

Alongside of the original cor., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{2}$ mile cor., on the 93rd. mile, with brass cap marked:

U
 P I
 L R
 93
 M
 1927

The 93rd. mile cor., which is a pine post, 4 ins. square, extends 18 ins. above ground, and is poorly set and about to fall into pieces due to decay. It is plainly marked U I R on NE., P L on SW. and 93 M on SE. faces, and witnessed by traces of pits. Alongside of the original cor., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the 93rd. mile cor., with brass cap marked:

U
 P I
 L R
 93
 M
 1927

from which,

An Engelmann spruce, 6 ins. diam., bears N.15°45'E.,

16 lks. dist., marked 93 M U I R B T.

An Alpine fir, 10 ins. diam., bears S.26°30'E.,

102 lks. dist., marked 93 M P L B T.

This cor. is also an angle point.

The $\frac{1}{2}$ mile cor. on the 94th. mile is an aspen post, 4 ins. square, extending 24 ins. above ground, loosely set and partly decayed, and marked U I R on N., P L on S. and $\frac{1}{2}$ M on E. faces, and witnessed by traces of pits. Alongside of the original cor., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for $\frac{1}{2}$ mile cor. on the 94th. mile, with brass cap marked:

U I R
 P L
 1927

from which,

Reestablishment of Original Corners on the Boundary of
the Uintah Indian Reservation during the progress
of the Survey of Township 9 South, Range 8 East.

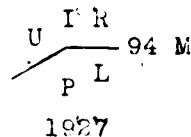
An aspen, 5 ins. diam., bears N.31°W., 282

lks. dist., marked $\frac{1}{2}$ M U I R B T.

A Douglas fir, 30 ins. diam., bears S.8°15'W., 490

lks. dist., marked $\frac{1}{2}$ M P L B T.

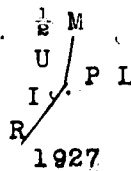
The 94th. mile cor. which is identical with an angle point, is an aspen post, 4 ins. square, extending 18 ins. above ground, loosely set and partly decayed, marked \angle U I R on NW., P L on SE. and 94 M on NE. faces, and witnessed by traces of pits and mound of earth. I reset the post at the same point 18 ins. in the ground, and alongside of the original cor., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the 94th. mile cor. and angle point, with brass cap marked:



1927

and raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, E. of cor.

The $\frac{1}{2}$ mile cor. on the 95th. mile, which is identical with an angle point, is an aspen post, 3 ins. square, extending 6 ins. above ground, loosely set and badly decayed, marked \angle U I R on NW., P L on SE. and $\frac{1}{2}$ M on NE. faces, and witnessed by traces of pits and mound of earth. I reset the post at the same point 10 ins. in the ground, and alongside of the original cor., set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for an angle point and the $\frac{1}{2}$ mile cor. on the 95th. mile, with brass cap marked:



1927

and raise a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, NE. of cor.

Reestablishment of Original Corners on the Boundary of
the Uintah Indian Reservation during the Progress
of the Survey of Township 9 South, Range 8 East.

The 95th. mile cor. is an aspen post, 4 ins. square, extending 12 ins. above ground, loosely set and partly decayed, marked U I R on NW., P L on SE. and 95 M on NE. faces, and witnessed by traces of pits and mound of earth. I reset the post at the same point 12 ins. in the ground, and alongside of the original cor., set an iron post, 3 ft. long, 2 ins. in diam., 27 ins. in the ground, for the 95th. mile cor., with brass cap marked:

$$\begin{array}{c} 95 \\ M \\ U \\ I \\ R \end{array} \begin{array}{c} / \\ \\ \\ \\ \end{array} \begin{array}{c} P \\ L \end{array}$$
 1927

from which,

An aspen, 6 ins. diam., bears S.61°45'W., 99
lks. dist., marked 95 M U I R B T.

An aspen, 5 ins. diam., bears S.21°30'E., 55
lks. dist., marked 95 M P L B T.

The $\frac{1}{2}$ mile cor. on the 96th. mile is a badly decayed aspen post, extending 6 ins. above ground, with the markings almost invisible, and no evidence of accessories. Alongside of the original monument, set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in the ground, for the $\frac{1}{2}$ mile cor. on the 96th. mile, with brass cap marked:

$$\begin{array}{c} \frac{1}{2} M \\ U \\ I \\ R \end{array} \begin{array}{c} / \\ \\ \\ \end{array} \begin{array}{c} P \\ L \end{array}$$
 1927

from which,

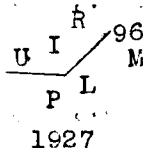
An aspen, 8 ins. diam., bears N.7°15'W., 220
lks. dist., marked $\frac{1}{2}$ M U I R B T.

An aspen, 5 ins. diam., bears N.77°45'E., 120
lks. dist., marked $\frac{1}{2}$ M P L B T.

The 96th. mile cor., identical with an angle point, is an aspen post, 4 ins. square, extending 12 ins. above

Reestablishment of Original Corners on the Boundary of
the Uintah Indian Reservation during the Progress
of the Survey of Township 9 South, Range 8 East.

ground, firmly set, but badly decayed, and marked \angle
U I R on NW., P L on SE. and 96 M on NE. faces, and
witnessed by traces of pits and mound of earth. Along-
side of the original monument, set an iron post, 3 ft.
long, 2 ins. in diam., 27 ins. in the ground, for the
96th. mile cor. and angle point, with brass cap
marked:



from which,

An Alpine fir, 16 ins. diam., bears N.49°45'W., 23
lks. dist., marked \angle 96 M U I R B T.

A Douglas fir, 6 ins. diam., bears S.11°30'E., 85
lks. dist., marked \angle 96 M P L B T.

The E. angle point on the 97th. mile is a badly decayed
aspen post, extending 6 ins. above ground, with the
markings almost invisible, and witnessed by traces of
pits and mound of earth. Alongside of the original
monument, set an Alpine fir post, 4 ft. long, 3 ins.
square, 24 ins. in the ground, for an angle point on
the 97th. mile, and marked \angle U I R on N. face and P
L on S. face, and from which

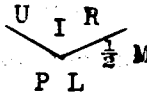
An aspen, 5 ins. diam., bears S.89°30'W., 47
lks. dist., marked \angle U I R B T.

An aspen, 5 ins. diam., bears S.72°45'E., 31
lks. dist., marked \angle P L B T.

The $\frac{1}{2}$ mile cor., on the 97th. mile, which is identical
with an angle point, is an aspen post, 4 ins. square,
extending 18 ins. above ground, firmly set, but badly
decayed, and marked \angle U I R on N., P L on S. and $\frac{1}{2}$ M
on E. faces, and witnessed by traces of pits and a
mound of earth. I reset the post at the same point 18
ins. in the ground, and alongside of the original
monument, set an iron post, 3 ft. long, 1 in. in diam.,
27 ins. in the ground, for the $\frac{1}{2}$ mile cor. and angle

**Reestablishment of Original Corners on the Boundary of
the Uintah Indian Reservation during the Progress
of the Survey of Township 9 South, Range 8 East.**

point, with brass cap marked:



from which,

An aspen, 5 ins. diam., bears N.39°W., 61

lks. dist., marked $\angle \frac{1}{2} M U I R B T.$

An aspen, 4 ins. diam., bears S.71°15'W., 35

lks. dist., marked $\angle \frac{1}{2} M P L B T.$

Boundaries of T. 9 S., R. 8 E.

Latitudes, Departures and Closing Errors.

Line Designated.	True Bearing.	Dist- ance.	Latitudes.		Departures.	
			N.	S.	E.	W.
		Chs.	Chs.	Chs.	Chs.	Chs.
West Bdy. of Tp.	North	196.01	196.01			
Portion of 97th.						
Mile of U I R Bdy.:						
CC Tps. 9 S., Rs.						
7 & 8 E. to $\frac{1}{2} M$ cor.	S.65°45'E.	27.70		11.38	25.26	
$\frac{1}{2} M$ cor. to Angle Pt.	N.71°30'E.	27.00	8.57		25.60	
Angle Pt. to 96 M cor.	S.81°45'E.	13.00		1.87	12.87	
96 M cor. to Angle						
Pt. on 95th. Mile.	N.25°45'E.	96.00	86.47		41.71	
Portion of 95th.						
Mile U I R Bdy.:						
S. Angle Pt. to $\frac{1}{2} M$ cor.	N.45°15'E.	24.00	16.90		17.04	
$\frac{1}{2} M$ cor. to N. Angle Pt.	N.22°30'E.	12.00	11.09		4.59	
Angle Pt. to 94 M cor.	N.62°00'E.	28.00	13.15		24.72	
94th. Mile U I R Bdy.	N.89°15'E.	80.00	1.05		79.99	
93 M cor. to Angle						
Pt. on 93rd. mile.	S.31°00'E.	67.95		58.24	35.00	
Angle Pt. to Angle						
Pt. on 92nd. Mile.	S.81°45'E.	31.55		4.53	31.22	
To Angle Pt. on 91st. Mile.	S.37°45'E.	83.50		66.03	51.12	
To S. Angle Pt. 91st. Mile.	S.6°30'E.	41.00		40.74	4.64	
To Angle Pt. on 90th. Mile.	S.10°15'W.	81.00		79.71		14.41
Angle Pt. to 89th. M cor.	S.11°45'E.	15.00		14.69	3.05	
Portion of 89th.						
Mile U I R Bdy.:						
89th. M cor. to Angle Pt.	S.49°00'E.	22.00		14.43	16.60	
Angle Pt. to CC Tps.						
9 & 10 S., R. 8 E.	S.14°45'E.	43.24		41.81	11.01	
South Bdy. of Tp.	West	370.35				370.35
Convergency.....					0.25	
Totals.....			333.24	333.48	384.67	384.76
				333.24		384.67
Errors in latitude and departure.....				0.19		0.09

General Description.

This township lies in the Uintah National Forest Reserve and is bounded on the north and east by the Uintah Indian Reservation; and the line between this township and the reservation follows along the top of the main divide, which separates the Strawberry River drainage on the north and east from the White River drainage on the south and west. The entire township has a general southern exposure, and is drained to the south by the Middle and East Forks of White River Canyon. Nearly all of the ravines and canyons are deep and abrupt, and their sides become more precipitous in the northern portions, where they head at the base of the main divide. All of the sections are only rough in places with broken ledges and outcroppings.

The whole township is underlaid with shale, which is the principal formation, although considerable sandstone is exposed on some of the ridges and spurs. There are no seams nor veins of coal visible, nor any surface indications of other mineral, and the shale is the only evidence of oil.

The approximate range of elevation above sea level is eight thousand to ten thousand feet, and the general average magnetic declination is $16^{\circ}43'$ east, which gives the magnetic bearing of the true meridian $N.16^{\circ}43'W.$

On all of the sections, the soil is either a dark sandy loam, or a dark or black mountain loam, varying in depth from a few inches to several feet, lying on a clay subsoil or on shale, first to third rate. The top soil on some of the ridges, spurs and on portions of the main divide is a dark blue clay.

The timber in the township varies from a scattering to a heavy growth of aspen, Douglas, white and Alpine fir, Engelmann spruce, limber pine and red cedar. The white fir grows in the north, northeast and eastern portions,

General Description.

while Engelmann spruce is found on the north and north-west sections. Blue spruce grow along the streams in the bottoms of some of the ravines and canyons.

Sagebrush is the principal undergrowth; although in general, the township is covered with a dense growth of sagebrush, deer browse, yellow top, oak brush, young aspen, fir, pine and spruce, rosebushes, currant, chokecherry and service berry bushes. A dense growth of tall willows is found along the bottoms of the main forks of the canyons.

The township is well supplied with good water, there being numerous springs, seeps and streams in nearly all of the draws, ravines and canyons. Some of the streams are about ten links wide and eight inches deep. The East Fork of White River Canyon affords good fishing for trout. Several springs of good clear water are located in the east half of the east half of section twenty-one, in the bottom of a fork of the East Fork of White River Canyon. Drifts of snow remain on the higher ridges until late in the summer.

There is a good growth of grass, browse and weeds on all of the sections, and with the abundant supply of water, the land serves as an excellent range for cattle, sheep and horses. At present, three bands of sheep, numbering about twelve hundred to three thousand to a flock, including lambs, graze on this land. Owing to the abrupt slopes, narrow bottoms of canyons and high altitude, farming is impracticable in this township.

A large dipping corral for sheep is located in the north-east quarter of the southeast quarter of section twenty-one, and a cabin constructed by oil shale prospectors is situated in section thirty, in the bottom of a fork of the Middle Fork of White River Canyon. Oil shale companies have dug a great many open cuts in the outcroppings of shale in the two western

General Description.

ranges of sections. An old dirt road, the only one in the township, follows along the top of the main divide, on the east boundaries of sections twenty-three, twenty-six and thirty-five. A main travelled trail runs along the top of the reservation ridge, and also one crosses the township, from the Middle Fork of White River Canyon to the top of the main divide. Saw-mills have been operating in this locality, but considerable saw timber remains. With the exception of a few sheep corrals and stock trails, there are no other improvements, nor any settlers in this township.

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Page

4-680
(August, 1926)

[illegible]

CERTIFICATE OF UNITED STATES SURVEYOR.

I, J. C. Clark, U. S. Surveyor, hereby certify upon honor that, in pursuance of special instructions received from the District Cadastral Engineer for Utah bearing date of the 18th day of February, 1926, I have well, faithfully, and truly in my own proper person, and in strict conformity with said instructions, the Manual of Surveying Instructions, and the laws of the United States, surveyed all those parts or portions of the Subdivision of Township No. 9 South, Range No. 8 East, and the Reestablishment of Original Corners on the Boundary of the Uintah Indian Reservation.

_____ of the Salt Lake Base and _____ Meridian, in the State of Utah, which are represented in and date diagram on page 1 of same on the dates shown on said diagram the foregoing field notes as having been executed by me, and under my direction; and that all the corners of said survey have been established and perpetuated in strict accordance with the Manual of Surveying Instructions, and the special written instructions of the District Cadastral Engineer for Utah and in the specific manner described in the field notes, and that the foregoing are the original field notes of such survey. Certified to at Salt Lake City, Utah, March 30, 1928.

J. C. Clark
U. S. Surveyor.

APPROVAL.

OFFICE OF U. S. SUPERVISOR OF SURVEYS,
DENVER, COLORADO JUL 1 1929, 19

The foregoing field notes of the survey of the subdivision of Township No. 9 South, Range No. 8 East of the Salt Lake Base and Meridian, and the re-establishment of original corners on the boundary of the Uintah Indian Reservation,

executed by J. C. Clark, U. S. Surveyor under his special instructions dated February 18, 1926, having been critically examined, and the necessary corrections and explanations made, the said field notes, and the surveys they describe, are hereby approved.

W. B. Johnson
U. S. Supervisor of Surveys.

~~I certify that the foregoing transcript of the field notes of the above described surveys is~~
~~has been correctly copied from the original notes on file in this office.~~

U. S. Supervisor of Surveys.

Survey of the Boundary Between the States of N. M. & A. T.

Chino.

12.70 Ravine, crosses RR.; enter a medium heavy growth of
timber, bears NE. and SW.; sec. about NE. slope 200
ft. to the $\frac{1}{2}$ sec. cor.

12.80 Leave timber, bears NE. and SW.

12.90 Leave undergrowth, bears NE. and SW.

13.00 Set an iron post, 3 ft. long, 1 in. in diam., 27 ins. in
the ground, for $\frac{1}{2}$ sec. cor., with brass cap marked:

$$\begin{array}{r} S\ 17 \\ \hline S\ 20 \\ 1987 \end{array}$$

from which,

An aspen, 10 in. diam., bears N. 65° E., 200

lvs. dist., marked $\frac{1}{2}$ S 17 S T.

An Engelmann spruce, 12 in. diam., bears S. 87° E.,

200 lvs. dist., marked $\frac{1}{2}$ S 20 S T.

13.10 Trail, bears S. 3° V. and S. 30° E.

13.20 Main ridge or divide, bet. Mud Creek Canyon or Pleasant
Valley (from drainage on the E. and Huntington Canyon
drainage on the W.), 130 ft. above $\frac{1}{2}$ sec. cor., bears
S. 15° V. and S. 15° E.; desc. SW. slope 110 ft.

13.30 Trail, bears SW. and SE.

13.40 Enter a medium heavy growth of aspen, and scattering fir
and spruce timber, bears SW. and SE.

13.50 Leave timber, enter opening, bears SW. and SE.

13.60 Leave opening, enter a medium heavy growth of aspen, and
scattering fir and spruce timber, bears NW. and NE.

13.70 Cross, drains SW.; sec. 10 ft.

13.80 Spur, slopes S. about 1.00 chn. dist.; desc. 40 ft.

13.90 Stream of clear water, 1 in. wide, 1 in. deep, in the
bottom of ravine, course NE.; leave timber, bears NE. and
SE.; sec. steep NE. slope 210 ft.

14.00 Trail, projects southeasterly; desc. gradual NE. slope 10
ft. to

14.10 The cor. of secs. 17, 18, 19 and 20.

Land, mountainous with outcroppings of sandstone (fossiliferous);
drainage NE. into Mud Creek Canyon, N. 45.70 chn. remainder of mile drains SW. by the forks of Hughes

Township 9 South, Range 8 East.

Tests of Instrument.

Assignment Instructions dated August 24, 1927, conditional upon satisfactory field tests.

September 3, 1927, at camp, in sec. 33, T. 9 S., R. 8 E., in approximate latitude $40^{\circ}00'$ N., approximate longitude $111^{\circ}03'$ W., I examine the adjustments of the instrument and correct the errors in the levels and the line of collimation of the main telescope. Then, to test the solar apparatus by comparing its indications, resulting from solar observations made during a. m. and p. m. hours with a meridian established by observations on Polaris, I proceed as follows:

At 5h 50.6m p. m., l. m. t., I observe Polaris at eastern elongation, making four observations, two each with the telescope in direct and reversed positions, and mark the mean point in the line thus determined with a nail in a stake, driven firmly in the ground approximately eight chains N. of my station.

September 4, 1927, at 7 a. m., apparent time, I lay off the azimuth of Polaris $1^{\circ}25'$ to the west, and mark the meridian with a nail in a stake, set firmly in the ground about eight chains N. of my station.

At 9h 0m a. m., apparent time, I set off $40^{\circ}00'$ N., on the lat. arc; $7^{\circ}24'$ N., on the decl. arc; and determine a meridian with the solar which agrees within 30 seconds of the true meridian.

At apparent noon, with the lat. arc unchanged, I observe the sun on the meridian; the resulting reading of the decl. arc is $7^{\circ}21'$ N., which agrees within 15 seconds of the computed decl. of the sun.

At 3h 0m p. m., apparent time, with the lat. arc unchanged, I set off $7^{\circ}18'$ N., on the decl. arc; and determine a meridian with the solar which practically coincides with the meridian obtained by observations on Polaris.

All of the tests during the hours suitable for solar